

2026-2027 Lutheran South Academy Curriculum Guide

Friends,

An important goal of Lutheran South Academy is to prepare our students academically. Being prepared academically means more than just a well-rounded education; it means that after graduation, our students are prepared for the academic challenges of the college or university of their choice after. To accomplish this, LSA has aligned its curriculum to move our students to that goal one step at a time. The rigorous Lower School curriculum prepares our students for the Advanced Placement and Dual Credit curriculum of our High School. This helps us to accomplish our mission of “Securing Their Future”.

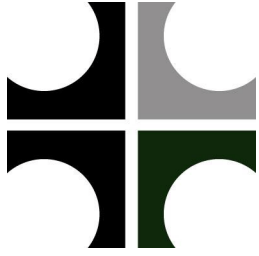
This planning guide outlines our curriculum from pre-kindergarten through grade twelve and is useful not only as a description of the scope and sequence of our curriculum, but also as a planning guide for students and parents as they navigate the PreK-12 years. As the students’ progress from our Lower School through our Middle School, more and more academic choices are available. The critical High School years are full of choices and require that both parents and students begin planning together well before those High School years. It is our hope that this guide provides the needed information to help in this planning process.

The academic progress and success of each and every one of our students is important to us. Our administration and guidance departments are committed to helping parents and students not only with their academic planning, but also with the entire college admissions process.

Your Servant In Christ,



Scott Browning
Head of School



Securing Their Future Today ~ Tomorrow ~ Eternally

Lutheran South Academy believes in educating the whole child. We encourage our students to strive for excellence – excellence in academics, excellence in athletics and extra-curricular activities, excellence in faith and character, excellence in every aspect of their lives. This standard of excellence is what drives our faculty and staff to secure their future.

To accomplish this, LSA focuses on five specific areas:

SALVATION

Focusing on the eternal salvation and well-being of students, nurturing their faith through a Christ-centered education that fosters a personal relationship with Jesus Christ, and guiding them to embrace God’s grace, love, and forgiveness.

OPPORTUNITY

Providing a diverse array of extra-curricular and co-curricular activities that complement and enhance students’ academic journey, offering opportunities for them to explore their interests, develop new skills, and cultivate their passions. All activities are led by dedicated Christian individuals who serve as role models, nurturing students’ character, values, and faith through their leadership and guidance.

UNITY

Cultivating a sense of unity, community, and family within the school, promoting Christian relationships, emphasizing the importance of unity in the body of Christ, and fostering an environment of love, forgiveness, and mutual support.

TRUTH

Upholding the truth of God’s Word as the ultimate authority, teaching students to know, understand, and apply biblical teachings, guided by the principle of “sola scriptura” which acknowledges the Bible as their sole source of divine revelation and Christian doctrine.

HOPE

Inspiring in students hope for their future by providing them with a well-rounded education that prepares them for life beyond school. Building hope by fostering students’ trust in God’s faithfulness, diligently equipping them academically and spiritually, and nurturing their resilience to empower them to tackle challenges with unwavering perseverance and adaptability in an ever-evolving world.



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PLANNING YOUR HIGH SCHOOL PROGRAM

Lutheran South Academy strives to assist young people in preparing for the future. A rigorous academic curriculum within a strong spiritual community is the foundation of our philosophy. Through daily prayer, Bible study classes and contact with Christian teachers, students are provided with opportunities to grow closer to Jesus while preparing for their post-graduation endeavors.

Most of the academic courses taken at LSA are determined by the graduation requirements of the State of Texas. The following pages outline the possible graduation plans. Your passion for music, art, athletics, journalism, mathematics, or science will influence which electives you take. However, all of the choices you make regarding your high school courses should be made with the idea of keeping as many doors of opportunity open as possible. Therefore, you should plan as challenging of a program as you can successfully handle. In this way, you will be better prepared to pursue your changing interests as an adult.

Next are descriptions of all courses offered at LSA with accompanying information about prerequisites and grade level. We encourage you to give the attention to planning for high school the importance that it deserves. Be sure to include prayer as an integral part of your planning, so that you will be guided to find God's place for you in this life before we all join Him in the next.

Graduation Requirements

Lutheran South Academy desires that all of its students graduate with the Texas Distinguished Level of Achievement (DLA) plan along with a Multidisciplinary Studies Endorsement. Students may earn more than one endorsement. This program of study includes the minimum of:

- 4 credits of English, Math, Science and Social Studies,
- 2 credits of Language other than English
- 1 credit of Fine Arts
- 1 credit of Physical Education
- 1/2 credit that fulfills the LSA Communications requirement
- 5 1/2 elective credits
- 1 credit for Theology for each year of attendance at LSA

Students must have at least 26 total state credits (credits earned in Theology and Teacher Aide are not state credits)

Multidisciplinary Studies Endorsements

Business and Industry Pathways

- 3 or more years of Yearbook
- 3 or more years of Newspaper
- 3 or more years of Broadcast Journalism

Art and Humanities Pathways

- 4 credits of Spanish or Mandarin
- 2 credits of Spanish + 2 credits of Mandarin
- 4 credits in one or two Fine Arts areas (Art, Band, Choir)
- 5 credits in Social Studies

Multidisciplinary Studies

- 4 credits of advanced courses
 - 4 x 4
- 4 credits of AP/Dual credit courses

Science, Technology, Engineering & Math (STEM)

- 5 Math credits (Choose 2: Algebra 3, Pre-Calculus, Calculus, Statistics)
- 5 Science credits (Choose 2: Forensic Science, AP Physics, AP Physics2, Biology 2, AP Chemistry, Anatomy)
- 2 Computer Science credits (plus an additional advanced Math or Science credit)

Performance Acknowledgements

Students may earn a performance acknowledgment for outstanding performance

- In dual credit courses – at least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a 4.0 scale.
- In bilingualism – completing all English language arts requirements and maintaining a minimum GPA of 3.0 on a 4.0 scale AND completion of a minimum of 3 credits in the same language while maintaining a minimum GPA of 3.0 or higher on a 4.0 scale.
- On an AP test by scoring a 3 or above on a College Board advanced placement examination.
- On the PSAT (earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation), SAT (by earning a combined critical reading and math score of at least a 1250) and/or ACT (by earning a composite score of 28).

Honors Courses

Honors level courses are more challenging, and topics are taught in greater depth than are regular courses. All courses labeled Honors are specifically designed to prepare students for the AP curriculum.

Advanced Placement Program

As a member of College Board, Lutheran South Academy is committed to the AP Program, which is a collaborative effort among motivated students, dedicated teachers, and committed high schools, colleges, and universities. AP courses are college level courses that provide students with opportunities for critical thinking and problem solving. They prepare a student more completely for success in college and give a student the opportunity to earn credit while still in high school. These courses receive quality grade points.

Advanced Placement courses offered at LSA include:

| | | |
|-----------------------|--------------------------------|--------------------------|
| AP 3-D Art and Design | AP Computer Science Principles | AP Government |
| AP Biology | AP Drawing | AP Modern World History |
| AP Calculus AB | AP Economics | AP Physics 1 & 2 |
| AP Calculus BC | AP English Language | AP Spanish Language |
| AP Capstone Research | AP English Literature | AP Statistics |
| AP Capstone Seminar | AP Environmental Science | AP United States History |

San Jacinto South Dual Credit Program

LSA students have access to college level courses taught by San Jacinto College South professors. In order for students to qualify for these courses, online application must be made to the college, entrance testing requirements (TSIA) must be met, and registration for the classes must be made on the college campus. Since college classes meet twice weekly, students will be placed in a two-period block schedule each day. Juniors and Seniors who participate in Dual Credit must enroll in six hours of college credit (2 classes per semester). Students enrolling in dual credit must also enroll in at least three high school classes during the available periods in the high school schedule. The student is responsible for all college costs and for meeting the required college deadlines. Students who successfully complete these courses receive college as well as high school credit. Students wishing to take other college courses while in high school should contact the LSA registrar for more information. **Grades of C or better must be earned to receive high school credit and to remain in the program. A student who withdraws from a dual credit course will not be eligible to take another dual credit course.**

| LSA Course | Credits | San Jacinto South Course |
|------------|---------------------------|--------------------------|
| US History | 1 credit for 2 semesters | HIST 1301/1302 |
| Humanities | 0.5 credit for 1 semester | HUMA 1301 |
| Psychology | 0.5 credit for 1 semester | PSYC 2301 |
| English 4 | 1 credit for 2 semesters | ENGL 1301/1302 |
| Government | 0.5 credit for 1 semester | GOVT 2305 |
| Economics | 0.5 credit for 1 semester | ECON 2301 |

Additional Dual Credit Opportunities

In addition to dual credit via San Jacinto Community College, LSA students also have the opportunity to take dual credit courses through Concordia University Nebraska. Courses offered through Concordia University Nebraska are available in conjunction with the coordinating courses taught at Lutheran South Academy by LSA teachers. These particular dual credit offerings also do not receive premium points toward the GPA unlike the courses offered at San Jacinto Community College; however, the coordinating course taken at LSA does have premium points as applicable for honors-level and AP-level courses.

Alternative Credit Program

Students in grades 8-12 may earn high school credits by correspondence. Courses must be taken from Texas Tech University (<https://www.depts.ttu.edu/ttuisd>). These credits may be applied toward state graduation requirements. Students who have at least 80 clock hours of instruction in a semester course and have failed a course may recover the credit by passing an examination given by Texas Tech or The University of Texas at Austin. Students must receive a 70 or above on the examination to receive credit for the course.

HIGH SCHOOL COURSE DESCRIPTIONS

This section of the planning guide contains descriptions of courses offered in grades 9-12 at Lutheran South Academy. Descriptions are divided into content areas and include information about course content, grade placement, prerequisites, and credits. Unless otherwise indicated for the specific course description, credit is awarded or denied at the end of each semester. Students are required to achieve a grade of 60 or higher on a college grade scaled to receive credit in a course. A high school scale is used to report the grades on an official transcript. All courses except Religion receive one-half credit per semester.

Spiritual Life

Theology 9

Department: Religion

Grade Level: 9

Credits: 1.0

Course Length: 2 Semesters

Fees/Materials: Lutheran Study Bible ESV

Prerequisites: None

Theology 9 is the introductory theology course that students must take the first & second semesters of their freshman year. The first semester, students will be introduced to the makeup of the Bible and explore key concepts in the story of salvation: Creation, Original Sin, Actual Sin, Law, Gospel, Vicarious Atonement, Justification, Means of Grace, Faith, Sanctification, and Eschatology. The second semester is a world religions course that examines the key concepts in the story of salvation as they are found in major religions of the world. Students will study various world religions and examine each from a Christian framework and worldview.

Theology 10

Department: Religion

Grade Level: 10

Credits: 1.0

Course Length: 2 Semesters

Fees/Materials: Lutheran Study Bible ESV

Prerequisites: None

Theology 10 is a theology course that focuses entirely on the New Testament of the Bible. The first semester reinforces the key concepts in the story of salvation by examining the life of Jesus through a study of the Gospels and its teachings when applied to our lives today. The second semester is an ethics course where students will study various approaches to ethics in general, such as deontological ethics, normative ethics, situational ethics, etc. Students will also explore specific ethical applications, such as medical ethics, business ethics, and the like.

Theology 11

Department: Religion

Grade Level: 11

Credits: 1.0

Course Length: 2 Semesters

Fees/Materials: Lutheran Study Bible ESV

Prerequisites: None

Theology 11 is a theology course that has students in the first semester dive into the first books of the Old Testament and see how the path for Jesus is enacted. This course reinforces the key concepts in the story of salvation by examining the Old Testament books of Genesis through Joshua. The second semester is a character study rooted in the Old Testament. Students will explore both the strengths and weaknesses

Students enrolled in English 2 continue to increase and refine their communication skills. Students practice all forms of writing with emphasis on persuasive and analytical writing. As well as personal forms of writing. These personal forms of writing may include a response to literature, a reflective essay, or an autobiographical narrative. Other modes of writing include descriptive and expository writing. Students read extensively in multiple genres from world literature and interpret the possible influences of the historical context on a literary work.

English 2 Honors

Department: Language Arts

Grade Level: 10

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of English 1 with an 90% or higher and teacher approval, or English 1 Honors with an 80% or higher

English 2 Honors is designed with the purpose of preparing students for both the AP Language and Composition and the AP Literature and Composition courses, the AP exams, and college coursework, following the content requirements for Honors vertical alignment prescribed by the College Board. This class builds on the skills introduced at the ninth-grade level and provides experiences that will enrich the student's appreciation of literature and language, including independent reading assignments, literary analysis, rhetorical analysis, research opportunities, vocabulary building, and advanced composition skills. Through reading a variety of texts, both fiction and nonfiction, students will engage in close observation and analysis, evidence-based writing, high-order questioning, and academic conversation in order to extend their content knowledge while strengthening their critical thinking skills.

English 3

Department: Language Arts

Grade Level: 11

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of English 2, English 2 Honors or equivalent

Students enrolled in English 3 continue to increase and refine their communication skills. In English 3, students practice all forms of writing. Students read extensively in multiple genres from American literature. Periods from American literature may include the Pre-Colonial period, Colonial and Revolutionary periods, Romanticism and Idealism, Realism and Naturalism, early 20th century, and late 20th century. Composition moves include persuasive, expository, analytical, and creative writing.

English 3 Honors

Department: Language Arts

Grade Level: 11

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of English 2 with a 90% or higher and teacher approval, or English 2 Honors with an 80% or higher

This course is designed for college-bound juniors whose competence in English has been firmly established and/or for those who despite exceptional ability choose commitment to other disciplines over AP English. This rigorous curriculum requires students to read critically and widely, to demonstrate competency in the skills and strategies of the writing process, to speak effectively, and to refine a mature writing style. A personal/college essay and an oral research project are required. Assessment of all grade 11 students includes the department-wide midyear exam and the grade 11 final exam.

English Honors 3 would be offered as a dual credit course through Concordia University-Nebraska. Students will have the opportunity to receive 3 credit hours per semester: Eng 102-Experiences in Writing and English 201-Introduction to Literature.

AP English Language & Composition

Department: Language Arts Grade Level: 11 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of English 2 with a 90% or higher and teacher approval, or English 2 Honors with and 80% or higher

The AP English Language and Composition course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Students will write in a variety of forms – expository, analytical, argumentative – as the basis of academic, professional, and personal communication. In addition, students will read a variety of prose styles from many disciplines and historical periods with an emphasis on American literature to gain an understanding of the connections between interpretive skill in reading and writing. At the end of the course, students will be prepared to take the AP exam in English Language and Composition administered by the College Board. Starting Fall of 2026 this course will no longer be offered as a dual credit course. Students in AP English Language and Composition are required to take the AP Exam.

English 4

Department: Language Arts Grade Level: 12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of English 3, English 3 Honors, AP English Language & Composition, or equivalent

Students enrolled in English 4 continue to increase and refine their communication skills. In English 4, students are expected to write in a variety of forms, including business, personal, literary, and persuasive texts. Students read extensively in multiple genres from British literature and world literature. Periods from British literature may include the old English period, Medieval period, English Renaissance, 17th century, 18th century, Romantic period, Victorian period, and modern and post-modern periods.

English 4 Honors

Department: Language Arts Grade Level: 12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of English 3 with 90% or higher and teacher approval, or English 3 Honors or AP English Language & Composition with 80% or higher

English 4 Honors is an advanced study of British literature from the Anglo-Saxon period to the modern era. Students will read and analyze a range of literary texts—including epic poetry, drama, novels, and essays—to explore how historical, cultural, and philosophical movements shaped the British literary tradition. Students explore how historical and cultural contexts shape major works and authors while developing strong analytical and research-based writing skills. English 4 Honors aims to prepare students for college-level literary analysis, research, and presentation skills.

The Honors distinction emphasizes analytical rigor, independent reading, and original literary interpretation. Students will complete extended writing assignments, including literary analyses, expository essays, and creative projects that synthesize multiple texts and perspectives.

AP English Literature & Composition

Department: Language Arts

Grade Level: 12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of English 3 with a 90% or higher and teacher approval, or English Honors 3 or AP English Language & Composition with 80% or higher

AP English Literature & Composition is the equivalent of a college-level sophomore class. Students can, based on their performance on the AP Examination, earn up to two semesters of college credit and/or advanced placement in college composition. By engaging in close reading and critical analysis, students will focus on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. They learn how to discover meaning in literature by considering a work's structure, style, and themes, as well as its use of figurative language, imagery and symbolism. Students are expected to justify their interpretations by reference to details and patterns found in the text, to compare their own interpretations as their understanding of the text deepens. Through study and practice, students deepen their understanding of the ways writers use language to provide both meaning and pleasure. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students in AP English Language and Composition are required to take the AP Exam.

English 4 Dual Credit

Department: Language Arts

Grade Level: 12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: San Jacinto Tuition

Prerequisites: Successful completion of English 3, AP English Language & Composition, or equivalent and evidence of college readiness

LSA and San Jacinto College have entered into an agreement to offer college level courses and award to students' concurrent high school credit and college hours. This two-semester course is designed to be a college level course and covers the elements for both English 4 and 1301 Composition/1302 Literature. Tuition and textbooks are paid for by the student. The course is taught on the San Jacinto College South campus by an instructor from SJC.

Communication Applications

Department: Language Arts

Grade Level: 9-12

Credits: 0.5

Course Length: 1 Semester

Fees/Materials: None

Prerequisites: None

Communication Applications focuses on the skills necessary for oral presentations with an emphasis on good communication in the work world. Skill development includes writing, researching, listening, organizing, and critical thinking. Students will study philosophies of communication and techniques for speaking for success; they will have a variety of speech-presentation opportunities that will require creativity and technological knowledge. Students will develop self-confidence as their skills increase.

Debate 1

Department: Language Arts
Course Length: 2 Semesters
Prerequisites: None

Grade Level: 9-12
Fees/Materials: None

Credits: 1

In Debate 1, students will develop their skills in public speaking, information literacy, and argumentation. Through the study of both the classical rhetorical tradition and modern public discourse, they will develop sound critical thinking and sharpen their persuasive skills. Students will conduct research and construct arguments in a variety of persuasive genres to prepare them for oral argumentation in various debate formats, including Big Questions, Lincoln-Douglas, and Policy Debate. This course covers the essential skills of Communication Applications, thereby fulfilling the required speech credit.

Debate 2

Department: Language Arts
Course Length: 2 Semesters
Prerequisites: Successful completion of Debate 1

Grade Level: 10-12
Fees/Materials: None

Credits: 1

In Debate 2, students will master their skills in public speaking, independent research, and argumentation. Through the study of both the classical rhetorical tradition and modern public discourse, they will develop sound critical thinking and sharpen their persuasive skills. Students will conduct research and prepare oral arguments for a variety of debate formats, including Big Questions, Lincoln-Douglas, and Policy Debate.

Yearbook

Department: Language Arts
Course Length: 2 Semesters
Prerequisites: Teacher recommendation

Grade Level: 9-12
Fees/Materials: None

Credits: 1-4

Students will learn to write in a variety of forms for a variety of purposes using the fundamentals of journalistic writing. The course centers around the production of the school yearbook, *The Pioneer*, and students learn the fundamentals of publication culminating in the publication of the book at the end of the school year. Students enrolled in the yearbook course for two sequential years can fulfill their technology requirement.

Teen Leadership

Department: Language Arts
Course Length: 1 Semester
Prerequisites: None

Grade Level: 9-12
Fees/Materials: None

Credits: 0.5

Teen Leadership is a one-semester course designed to develop business, professional, and leadership skills in a nurturing environment. Students will learn to handle peer pressure, communicate effectively, demonstrate creative problem solving, accept personal responsibility for one's thoughts, attitudes, and actions and realize the importance of life goals and vision. Students will present a variety of speeches and participate in group discussion and activities. Teen Leadership counts as a speech credit.

AP Capstone Diploma Program

The AP Capstone Diploma Program is a two-year program based on two core AP courses: AP Seminar (typically taken in Grade 10 or 11) and AP Research (typically taken in Grade 11 or 12). This program is designed to equip students with independent research, collaborative teamwork, and communication skills that are increasingly valued in colleges and careers.

Students enrolled in AP Capstone have the opportunity to earn academic credentials recognized by colleges and universities worldwide. To receive the AP Capstone Diploma, a student must earn a score of 3 or higher in both AP Seminar and AP Research and earn a score of 3 or higher on four additional AP exams of the student's choosing. To receive the AP Seminar and Research Certificate, the student must earn a score of 3 or higher in both AP Seminar and AP Research.

AP Seminar

Department: Language Arts Grade Level: 10-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of English 2 with 90% or higher and teacher approval or English Honors 2 with 80% or higher

Students will develop and practice the skills in research, collaboration, and communication that they will need in any academic discipline. Students will investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team.

AP Research

Department: Language Arts Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of AP Seminar, a score of 3 or better on AP Seminar test, and teacher recommendation

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a year long investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Mathematics

Algebra 1

Department: Mathematics Grade Level: 9 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Math 8 or equivalent

Algebra 1 lays the foundation for all future math courses. Topics include the properties of algebra, linear functions and inequalities, quadratic functions, systems of linear equations and inequalities, properties of exponents, simplification of polynomials, factoring, and rational functions.

Geometry

Department: Mathematics Grade Level: 9-10 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Algebra 1, Algebra 1 Honors, or equivalent

Geometry serves as an introduction to Euclidean geometry. Topics include logic, proof, angles, parallelism, properties of two and three-dimensional figures, congruence, similarity, basic trigonometry, linear equations, and other concepts that will serve as the foundation for future math.

Geometry Honors

Department: Mathematics Grade Level: 9-10 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Algebra 1 with a 90% or higher, Algebra 1 Honors (or Middle School Algebra 1) with an 80% or higher, or equivalent

Geometry Honors serves as an introduction to Euclidean geometry. Topics include logic, proof, angles, parallelism, properties of two and three-dimensional figures, congruence, similarity, and basic trigonometry. Additional emphasis is given to writing formal proofs.

Algebra 2

Department: Mathematics Grade Level: 10-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Algebra 1, Algebra 1 Honors, Geometry, Geometry Honors, or equivalent

Algebra 2 provides students with a second year of algebra. Topics include linear and quadratic functions, powers and roots, logarithms and radicals, rational expressions, conics, complex numbers, sequences and series, and matrices.

Algebra 2 Honors

Department: Mathematics Grade Level: 10-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Algebra 1 with a 90% or higher, Algebra 1 Honors with an 80% or higher, or equivalent. Successful completion of Geometry with a 90% or higher, Geometry Honors with an 80% or higher, or equivalent

Algebra 2 Honors provides students with a second year of algebra. Topics include linear and quadratic functions, powers and roots, logarithms and radicals, rational expressions, conics, complex numbers, probability, and matrices. Emphasis is given to solving word problems.

Algebra 3

Department: Mathematics Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Algebra 2, Algebra 2 Honors, or equivalent

Algebra 3 provides students with a third year of algebra skills development before they begin college-level mathematics. Topics include linear, quadratic, polynomial, rational, exponential, and logarithmic functions, and their applications. Students have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

Pre-Calculus

Department: Mathematics

Grade Level: 10-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Algebra 2 with a 75% or higher, Algebra 2 Honors, Algebra 3, or equivalent

Pre-Calculus prepares students for the study of calculus or other college-level mathematics. Topics include a review of algebra and an in-depth study of trigonometry, analytical geometry, and analysis of functions.

Pre-Calculus Honors

Department: Mathematics

Grade Level: 10-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Algebra 2 with a 90% or higher, Algebra 2 Honors with an 80% or higher, Algebra 3 with a 90% or higher, or equivalent

Pre-Calculus Honors prepares students for the study of calculus or other college-level mathematics. Topics include a review of algebra and an in-depth study of trigonometry, analytical geometry, and analysis of functions. Additional emphasis is given to word problems and more challenging material such as introduction to limits.

AP Calculus AB

Department: Mathematics

Grade Level: 11-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Pre-Calculus Honors or equivalent

AP Calculus AB is equivalent to the first semester of college calculus. Topics include functions, limits, differential calculus, and integral calculus. At the end of the course, students will be prepared to take the Calculus AB Exam administered by the College Board. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

AP Calculus BC

Department: Mathematics

Grade Level: 11-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: TI 84 Calculator or TI Nspire (non-CAS)

Prerequisites: Successful completion of AP Calculus AB or equivalent

AP Calculus BC is equivalent to the second semester of college calculus, with a thorough review of AP Calculus AB in preparation for the AP Calculus BC exam which includes material from both semesters of college calculus. Topics include techniques of integration, applications of integration, differential equations, calculus with polar and parametric equations and vectors, and sequences and series. At the

end of the course, students will be prepared to take the AP Calculus BC Exam administered by the College Board. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

AP Statistics

Department: Mathematics Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: TI 84 Calculator
Prerequisites: Successful completion of Algebra 2 with an 80% or higher or Algebra 2 Honors, or equivalent

AP Statistics is a college-level introduction to statistics. Topics include gathering and organizing data, linear regression, experimental design, probability, and statistical inference. At the end of the course, students will be prepared to take the AP Statistics Exam administered by the College Board. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

Science

Biology 1

Department: Science Grade Level: 9 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: None

Biology 1 provides instruction for learning new terminology, understanding processes, thinking critically, solving problems, developing lab skills, and becoming scientifically literate about living organisms. It involves the study of God's gift of life in these areas: 1) the structure and function of four families of biological molecules, 2) the flow of matter and energy through an ecosystem, 3) genetics and the transfer of information through a population, and 4) internal systems which comprise microbes, plants, and animals.

Biology 1 Honors

Department: Science Grade Level: 9 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: None

Honors Biology 1 provides instruction for learning new terminology, understanding processes, thinking critically, solving problems, developing lab skills, and becoming scientifically literate about living organisms. It involves the study of God's gift of life in these areas: 1) the structure and function of four families of biological molecules, 2) the flow of matter and energy through an ecosystem, 3) genetics and the transfer of information through a population, and 4) internal systems which comprise microbes, plants, and animals. While covering the same concepts as Biology 1, Honors Biology 1 includes more in-depth inquiry and more comprehensive assessments. Students who successfully complete Honors Biology 1 will build the necessary knowledge and skills to attempt AP Biology as a junior or senior.

Chemistry 1

Department: Science Grade Level: 10 Credits: 1

Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Biology 1, Biology 1 Honors, or equivalent, and Algebra 1

Chemistry 1 is a course that investigates the composition of substances and the transformations they undergo. The course covers topics such as laboratory activities, properties of matter, the Periodic Table, atomic theory development, chemical bonding, stoichiometry, gas laws, solutions, acid-base reactions, thermochemistry, and nuclear chemistry.

Chemistry 1 Honors

Department: Science Grade Level: 10 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Biology 1, Biology 1 Honors, or equivalent, and Algebra 1

Honors Chemistry 1 is a course that investigates the composition of substances and the changes they undergo. It covers topics such as lab activities, properties of matter, the Periodic Table, atomic theory development, chemical bonding, stoichiometry, gas laws, solutions, acid-base reactions, thermochemistry, and nuclear chemistry. This honors course is a more advanced and accelerated version of the material and activities presented in Chemistry 1.

Physics

Department: Science Grade Level: 11 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Algebra 2 or concurrent equivalent

Physics is a lab-oriented course that explains physical phenomena in nature. Covered topics include measurement, kinematics, changes within physical systems and conservation of energy and momentum, forces, characteristics and behavior of waves, electricity and magnetism.

AP Biology

Department: Science Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Biology 1 Honors, Chemistry 1 Honors, or equivalent

In AP Biology, students will study the core scientific principles, theories, and processes that govern living organisms and biological systems from a Christ-centered perspective. Students will do hands-on laboratory work and use simulations to investigate natural phenomena. The course content is presented in four big ideas: 1) Evolution, 2) Energetics, 3) Information Storage and Transmission, and 4) Systems Interactions. Students will design an experiment to test a prediction. They'll collect, analyze, and interpret data to draw a conclusion. Students will also learn to support a scientific claim with evidence. This course provides the student with the conceptual framework, factual knowledge, and analytical and scientific skills needed to pass an AP exam in the spring.

AP Chemistry

Department: Science Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Chemistry 1 with a 95% or higher, Chemistry 1 Honors with a 90% or higher and Algebra 2.

AP Chemistry is a lab-oriented course covering topics in measurement, types of reactions, stoichiometry, thermochemistry, atomic structure, periodicity, chemical kinetics, chemical equilibrium, acids and bases, nuclear chemistry, and electrochemistry. Recommended for students planning to attend a college or university majoring in a science, engineering, or health-related field. This course provides the student with the conceptual framework, factual knowledge, and analytical and scientific skills needed to pass an AP exam in the spring and also to enroll in a Calculus based Physics course in college (assuming they have also taken and passed Calculus).

AP Physics 1

Department: Science

Grade Level: 11

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Honors Algebra 2 or concurrent enrollment

AP Physics 1 is a lab-oriented course covering topics in algebra and trigonometry-based physics. The students will seek out and understand the basic laws of nature, which describe all physical phenomena. These laws are discovered and subsequently quantified using mathematical models to represent the physical situation and predict future events. This course provides the student with the conceptual framework, factual knowledge, and analytical and scientific skills needed to pass an AP exam in the spring and also to enroll in a calculus-based physics course in college (assuming they have also taken and passed Calculus). Students will cultivate their understanding of physics and science practices as they explore the following topics: kinematics, dynamics, energy, momentum, rotational motion, simple harmonic motion, and fluids. Throughout the year students will be reminded of the role of their Creator in establishing an ordered universe and the agreement between the observable world and God's word.

AP Physics 2

Department: Science

Grade Level: 12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of AP Physics 1 or equivalent

AP Physics 2 is a lab-oriented course covering topics in algebra and trigonometry-based physics. The students will seek out and understand the basic laws of nature, which describe all physical phenomena. These laws are discovered and subsequently quantified using mathematical models to represent the physical situation and predict future events. This course provides the student with the conceptual framework, factual knowledge, and analytical and scientific skills needed to pass an AP exam in the spring and also to enroll in a calculus-based physics course in college (assuming they have also taken and passed Calculus). Students will cultivate their understanding of physics and science practices as they explore the following topics: thermodynamics, electrostatics, electric circuits, magnetism, optics, waves, sound, and modern physics. Throughout the year students will be reminded of the role of their Creator in establishing an ordered universe and the agreement between the observable world and God's word.

AP Environmental Science

Department: Science

Grade Level: 11-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Biology, Algebra, & Chemistry, or Teacher Recommendation from Biology teacher

Ancient World History and Geography is a hybrid course that incorporates Geography into a study of the beginnings of human history through 1200. The course emphasizes the importance of physical, cultural, and environmental geography in the shaping of the human experience and seeks to understand how God's creation affects man and how man affects God's creation in our human efforts to be good caretakers of our world.

This survey of Ancient World History and culture incorporates a basic world geography course through inclusion of more detail, emphasis on environmental concerns, analysis of cultural geography, and emphasis on maps and political geography. Students explore God's creation of the man and the world, early man before writing, River Valley civilizations, and the Classical period, including the study of Greece, Rome, Byzantium, and China using a blend of historical thinking skills and geography to better understand the people, places, and environments.

Ancient World History and Geography Honors (Special Topics in Social Studies)

Department: Social Studies

Grade Level: 9

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: None

Ancient World History and Geography is a hybrid course that incorporates Geography into a study of the beginnings of human history through 1200. The course emphasizes the importance of physical, cultural, and environmental geography in the shaping of the human experience and seeks to understand how God's creation affects man and how man affects God's creation in our human efforts to be good caretakers of our world.

This survey of Ancient World History and culture incorporates a basic world geography course through inclusion of more detail, emphasis on environmental concerns, analysis of cultural geography, and emphasis on maps and political geography. Students explore God's creation of the man and the world, early man before writing, River Valley civilizations, and the Classical period, including the study of Greece, Rome, Byzantium, and China using a blend of historical thinking skills and geography to better understand the people, places, and environments.

As an honors course, this class is designed to prepare students to take the more challenging AP Modern World History course and will include faster pacing, more self-directed learning practices, expectations of a higher reading comprehension, and a strong focus on critical and historic thinking skills including the introduction of DBQ writing with primary source materials.

Modern World History

Department: Social Studies

Grade Level: 10

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Ancient World History and Geography, Ancient World History and Geography Honors, or equivalent

Modern World History is a survey course of human history from 1200 to the present. The course begins with the fall of the Classical empire emphasizing the social, political, environmental, cultural, economic, and technological factors which shaped the world today. Through the lens of historical thinking skills, students will examine an overview of significant people, events, and issues exploring the rise and fall of global empires, the growth of Christianity and other major religions, the development of the modern

nation state, wars, industrialization, revolutions, increased trade, and movement of people, which led us to the globalization of our world today.

AP World History: Modern

Department: Social Studies

Grade Level: 10

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Ancient World History with 90% or higher and teacher approval or Honors Ancient World History and Geography Honors with 80% or higher and teacher approval

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Solid reading, comprehension, writing skills, and a willingness to devote considerable outside class time are necessary for this class. This is a rigorous course that will help students transition into self-directed, independent advocates of the learning process as they challenge themselves at a higher level of thinking and learning pursuing college-level studies while still in high school. At the end of the course, students will be prepared to take the AP Modern World History Exam administered by the College Board in May.

United States History

Department: Social Studies

Grade Level: 11

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of World History, Ancient World History and Geography, World History and Geography Honors, or equivalent

This course, which is the second part of a two-year study of U.S. history that begins in Grade 8, is a study of the history of the United States from Reconstruction to the present. Historical content includes the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights. Students use critical thinking skills to explain and apply different methods that historians use to interpret the past, including points of view and historical context.

AP United States History

Department: Social Studies

Grade Level: 11

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Modern World History with 90% or higher and teacher approval or previous AP Social Studies course with 80% or higher and teacher, or equivalent and evidence of college readiness

AP U.S. History is an introductory college-level U.S. History course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Emphasis is placed on higher order critical thinking skills, essay writing, and interpretation of original documents. Solid reading, comprehension, writing skills, and a willingness to devote considerable outside class time are necessary

for this class. This is a rigorous course that will help students transition into self-directed, independent advocates of the learning process as they challenge themselves at a higher level of thinking and learning pursuing college-level studies while still in high school. At the end of the course, students will be prepared to take the United States History exam administered by the College Board.

United States History Dual Credit

Department: Social Studies Grade Level: 11 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of World History, Ancient World History and Geography, World History and Geography Honors, or equivalent and evidence of college readiness

LSA and San Jacinto College have entered into an agreement to offer a college level course in United States History that satisfies high school graduation and earns college credit hours. Students taking this course must enroll concurrently in EDUC 1300 and PSYCHOLOGY 2301. The course is taught on the San Jacinto South campus by an instructor from SJC.

Government

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: Successful completion of U.S. History, AP U.S. History, or equivalent

Government focuses on the principles and beliefs, including Christianity, on which the United States was founded and the structure, functions, and powers of government at the national, state, and local levels. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights.

AP Government

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: Successful completion of U.S. History with 90% or higher and teacher approval or previous AP Social Studies course with 80% or higher and teacher approval, or equivalent and evidence of college readiness

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. This course will give students an analytical perspective on government and politics in the United States. Solid reading and writing skills and willingness to devote considerable outside class time are necessary for this class. This is a rigorous course that will help students transition into self-directed, independent advocates of the learning process as they challenge themselves at a higher level of thinking and learning pursuing college-level studies while still in high school. At the end of the course, students will be prepared to take the AP Government and Politics Exam administered by the College Board in May.

Government Dual Credit

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: San Jacinto Tuition

Prerequisites: Successful completion of U.S. History, AP U.S. History, or equivalent and evidence of college readiness

LSA and San Jacinto have entered into an agreement to offer a college level Government course and award students with credit for graduation and college credits. This one semester course is designed to be a college level Government course and covers the elements for U.S. Government. Tuition and textbooks are paid for by the student. The course is taught on the San Jacinto South campus by an instructor from SJC.

Economics

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: Successful completion of U.S. History, AP U.S. History, or equivalent

This course is an introduction to the economic systems and economic principles that have application to students' lives, especially the free enterprise system. The one-semester course includes both the theories of economic principles and the practical concerns of consumers including instruction on topics concerning personal finance. The course introduces critical economics and management decisions and examines the importance of investment and future savings for the student, and how the Christian deals with money in the modern world.

AP Economics

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: Successful completion of U.S. History with 90% or higher and teacher approval or previous AP Social Studies course with 80% or higher and teacher approval, or equivalent and evidence of college readiness, and Algebra 2

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. This is a rigorous course that will help students transition into self-directed, independent advocates of the learning process as they challenge themselves at a higher-level of thinking and learning while pursuing college-level studies while still in high school. At the end of the course, the student will be prepared to take the AP Economics exam administered by the College Board in May.

Economics Dual Credit

Department: Social Studies Grade Level: 12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: San Jacinto Tuition
Prerequisites: Successful completion of U.S. History, AP U.S. History, or equivalent and evidence of college readiness

LSA and San Jacinto College have entered into an agreement to offer a college level Economics course and award students with credit for graduation and college credits. This one semester course is designed to be a college level Economics course and covers the elements for Economics and Free Enterprise Tuition and textbooks are paid for by the student. The course is taught on the San Jacinto South campus by an instructor from SJC.

Trial/Appellate Advocacy

Department: Social Studies

Grade Level: 10-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: Field trip and competition transportation and meals.

Prerequisites: None

This is an introductory course of the Legal Studies Academy. Students will learn the basic structure of the U.S. judicial system and be introduced to the legal processes. Students will learn basic legal concepts, and they will be taught skills that are needed to present, argue, and defend cases. Students will learn skills for preparing cases for trial including: the Rules of Evidence, how to pick a jury, how to conduct opening statements, direct and cross examination, how to properly enter exhibits into evidence, and how to conduct closing argument. During this course students will be required to participate in the Regional Texas Mock Trial as well as participating in both classroom mock trials and scrimmages. As a part of this course, students will have the opportunity to visit a real courtroom and hear from guest speakers. **This is a required course for the Legal Studies Academy diploma designation.**

Law 1 Honors

Department: Social Studies

Grade Level: 11-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: Field Trip Transportation

Prerequisites: Successful completion of Trial/Appellate Advocacy with 85% or higher and teacher approval.

This course provides the opportunity for students to dive deeper into the study of law. Taught like a law school class, students will dive deeper into special areas of law by reading and briefing actual legal cases. Legal subjects covered will include constitutional law, criminal law and procedure, contracts, torts, and family law. Students will practice critical thinking, design arguments, and understand how to use precedents to defend their reasoning by reading, writing, and analyzing arguments and case briefs. Students will prepare a project presentation board and essay on a Supreme Court case of their choosing. As a part of this course, students will have the opportunity to visit a real courtroom and hear from guest speakers. **Strong reading and writing skills are needed for this course. This is a required course for the Legal Studies Academy diploma designation.**

Trial/Appellate Advocacy Seminar Honors

Department: Social Studies

Grade Level: 12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: Field trip and Mock Trial competition transportation

Prerequisites: Successful completion of Trial/Appellate Advocacy with 85% or higher, Law 1 Honors with 80% or higher, and teacher approval

This honors level course is for those students wishing to continue to nurture their passion for the law and continue in their Mock Trial experience. Students will continue to hone their trial skills by preparing cases for competition. Students will practice reading and preparing of briefs, presenting written arguments, questioning witnesses, and presenting oral arguments in court situations including the incorporation of Moot Court. Second year Mock Trial students will provide class leadership and guidance to the first year Mock Trial students. Students will be required to prepare and present a case as part of the Texas Mock trial competition and participate in both classroom mock trials and scrimmages. As part of this course, students will have the opportunity to visit a real courtroom and hear from guest speakers. **Strong reading**

and writing skills are needed for this course. Additionally, students will complete a culminating capstone project to demonstrate their understanding of the Law.

Humanities Dual Credit

Department: Social Studies Grade Level: 11 Credits: 0.5
Course Length: 1 Semester Fees/Materials: San Jacinto Tuition
Prerequisites: Evidence of college readiness

LSA and San Jacinto College have entered into an agreement to offer a college level course in Humanities. Students will be awarded credit for high school graduation and college credits. This class is a one semester course to be taken concurrently with U.S. History Dual Credit. The course is taught on the San Jacinto South campus by an instructor from SJC.

History of United States Sports

Department: Social Studies Grade Level: 9-12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: None

Students learn U.S. History through the evolution of a variety of sports. Students study sports teams, heroes, mascots, and the impact of the media. Connections are made between sports and events occurring in the U.S. at the time. Students use critical thinking skills to locate, organize, analyze, and use data from a variety of sources.

Reel History

Department: Social Studies Grade Level: 9-12 Credits: 0.5
Course Length: 1 Semester Fees/Materials: None
Prerequisites: None

Students learn about key historical events through the use of modern and classical films. Students use critical thinking skills to analyze and discern the historical event from class instruction and the film's depiction.

Peer Assistance Leadership (PALs) 1 & 2

Department: Social Studies Grade Level: 11-12 Credits: 0.5
Course Length: 2 Semester Fees/Materials: None
Prerequisites: Application and teacher approval

This one credit elective is designed to train older students in assisting other students in having a positive and productive school experience. Enrollment is limited to 11th and 12th grade students. Interviews and written applications are required.

Foreign Languages

Spanish 1

Department: Foreign Languages Grade Level: 9 Credits: 1
Course Length: 2 Semesters Fees/Materials: None

Prerequisites: None

Spanish 1 serves as an introductory course of language acquisition at the high school level. Acquiring another language incorporates communication skills such as listening, speaking, reading, and writing. Students develop these skills by using communication strategies, technology, and content from other subject areas to socialize, to acquire and provide information, and to express feelings and opinions. Knowledge of the Hispanic culture and acquisition of vocabulary and communication skills is the primary focus of this entry level course.

Spanish 2

Department: Foreign Languages Grade Level: 9-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Spanish 1 or equivalent

Spanish 2 is the next step in the Spanish language acquisition. Grammar concepts and vocabulary learned in level one will serve as the starting point for this phase of study. More complex grammar structures, vocabulary groups based in real life experiences and additional verb tenses (preterite, imperfect, future) will be mastered through listening, speaking, reading, and writing skills building. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

Spanish 3 Honors

Department: Foreign Languages Grade Level: 10-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Spanish 2 or equivalent

The Spanish 3 Honors course continues to engage students with extensive vocabulary building and development of more complex grammar structures. It provides the student with a variety of opportunities to practice giving and asking for information. The course builds skills for higher levels of communication: giving advice, expressing opinions (complaining/disagreeing), reacting to news, introducing and changing topics, talking about challenges and accomplishments, and discussing future plans. There is an emphasis on writing skills and reading. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

AP Spanish Language and Culture

Department: Foreign Languages Grade Level: 11-12 Credits: 1
Course Length: 2 Semesters Fees/Materials: None
Prerequisites: Successful completion of Spanish 3 Honors or equivalent

AP Spanish Language and Culture is designed to advance students further in the knowledge of the Spanish language and to sharpen their skills in speaking, listening, reading, and writing. This course provides students with the opportunity to deepen their knowledge of Spanish grammatical structure as well as cover the 6 AP themes. Students read and discuss a variety of Spanish authors giving the students an opportunity to express (both orally and in writing) their own thoughts on modern-day issues in Spanish. At the end of the course, students will be prepared to take the AP Spanish Language exam administered by the College Board. Students also have the opportunity to earn dual credit for this course through Concordia University Nebraska by paying an additional fee. See your teacher for details.

Physical Education

Foundations of Personal Fitness

Department: Physical Education

Grade Level: 9-10

Credits: 1

Course Length: 2 Semesters

Fees/Materials: Uniform Fee

Prerequisites: None

The basic purpose of this course is to encourage and motivate students to strive for lifetime personal fitness and health. This course focuses on muscular strength, muscular endurance, flexibility, cardiovascular endurance, and aerobic training.

Advanced PE – Football

Department: Physical Education

Grade Level: 9-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Coach approval

Students develop motor skills and learn the rules of football while engaging in physical activity.

Athletic PE through Participation

Course Length: 2 Semesters

Fees/Materials: Uniform Fee

Prerequisites: None

The LSA Athletic Department will award a Physical Education credit to any student who completes **both** of the requirements set forth below.

Participation Requirement:

This requirement can be met by participating and completing the in-season requirements for 2 or more sports teams.

Weight Training Requirement:

This requirement can be met by logging an average of at least 100 minutes a week for weight training with the LSA Athletic Department. Students will be allowed to complete this requirement during their study hall or by doing the lifting during a time assigned by the LSA Athletic Department. There will not be an Athletic PE class offered during the school day.

Fine Arts

Symphonic Band

Department: Fine Arts

Grade Level: 9-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: Music Fee/Instrument

Prerequisites: None

Psalm 98:6 invites us “with trumpets and the sound of the horn [to] make a joyful noise before the King, the Lord!” The LSA Symphonic Band provides students the opportunity to use and grow their musical talents within a large ensemble setting. Continued emphasis is given to the development of musicianship and technical skills through a large repertoire of appropriate level band literature. The Symphonic Band

performs in concerts, interscholastic competitions, and other events throughout the course of the year and students are also encouraged to participate in the All-State Band competitions available to the members of the ensemble. While previous playing experience is highly recommended, it is not required.

Symphonic Band Honors

| | | |
|----------------------------|--------------------------------------|--------------|
| Department: Fine Arts | Grade Level: 11-12 | Credits: 1-2 |
| Course Length: 2 Semesters | Fees/Materials: Music Fee/Instrument | |
| Prerequisites: None | | |

Third and fourth-year students enrolled in Symphonic Band who demonstrate performance excellence, and who complete required writing assignments may receive honors credit for the class.

Concert Choir

| | | |
|----------------------------------|----------------------|--------------|
| Department: Fine Arts | Grade Level: 9-12 | Credits: 1-4 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Audition required | | |

Concert Choir is a course designed to promote higher learning in vocal music education. The group focuses on technical aspects of music as well as study in music theory, sight reading, and ensembleship. This group sings for seasonal concerts, worship, community events, competitions, festivals, and tours.

Concert Choir Honors

| | | |
|----------------------------|----------------------|--------------|
| Department: Fine Arts | Grade Level: 11-12 | Credits: 1-2 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Audition | | |

Third and fourth-year students enrolled in Concert Choir who demonstrate performance excellence, and who complete required writing and presentation assignments may receive honors credit for the class. Students receiving honors credit for two (2) years will satisfy the speech requirement for LSA.

Chapel Band

| | | |
|----------------------------|----------------------|--------------|
| Department: Fine Arts | Grade Level: 9-12 | Credits: 1-4 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Audition | | |

The Lutheran South Chapel Band gives students the opportunity to function as leaders in the faith through meaningful worship experience. Students are selected through an audition process and those selected learn to use their talents in leading the faculty, staff, and student body in corporate worship of our awesome God! Opportunities to participate include vocals, guitar (acoustic or electric), bass guitar, keyboards, and drums. Non-musicians may also participate in the Chapel Band and support worship as part of the technology crew which includes lighting, audio, and presentation support. After participating in the class, students will have a well-rounded concept of what it means to serve in a modern contemporary worship band and will be prepared to lead in their local congregations.

AP Music Theory

| | | |
|----------------------------|-------------------------|--------------|
| Department: Fine Arts | Grade Level: 10-12 | Credits: 1.0 |
| Course Length: 2 Semesters | Fees/Materials: AP Fees | |

Prerequisites: None (Prior music experience is expected)

AP Music Theory is a course of study for advanced music literacy, focusing on aural and written musical skills. This course covers material typically taught at a college freshman level. For students who plan to continue musical exploration at the college level, this course offers an essential opportunity for in depth study and preparation.

Art 1

| | | |
|----------------------------|----------------------|------------|
| Department: Fine Arts | Grade Level: 9-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: None | | |

Art 1 introduces the fundamentals of two-dimensional and three-dimensional products. Within a program of art history, the main focus of the course applies the elements and principles of art in a variety of media. Some of the media used include graphite, colored pencils, pastel, ink, tempera paint, wire, and clay. Various artists and art works will be studied as a source of product information and a practice in the evaluation of art.

Art 2

| | | |
|---|----------------------|------------|
| Department: Fine Arts | Grade Level: 10-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Successful completion of Art 1 or equivalent | | |

Art 2 is a course that offers a wide range of mediums and practices. This course is designed for the student who successfully completes Art 1 and has an interest to continue exploring the artistic process. This course is focused on a higher level of understanding, problem solving, and more complex, multi-step projects. Students are given more freedom to choose their subject, medium, and style. However, there are higher expectations in skill and concept.

Art 3

| | | |
|---|----------------------|------------|
| Department: Fine Arts | Grade Level: 11-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Successful completion of Art 2 or equivalent | | |

In the first semester, students will do a short segment of each of the following: Printmaking, Sculpture, Jewelry, Clothing Design. In the second semester, students will learn basic photography skills, as well as how to manipulate their photos in Adobe Photoshop. Artists and artworks will be studied as a source of product information and as practice in the evaluation of art.

Art 4

| | | |
|---|----------------------|------------|
| Department: Fine Arts | Grade Level: 12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Successful completion of Art 3 or equivalent | | |

Students need prior approval from the instructor in order to take this course. Students will develop their own personal style and interest in art in order to produce optimum expression of thoughts, ideas, beliefs,

The AP 3D Studio Ceramics portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. AP 3D Studio Ceramics students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reaction, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time. The AP 3D Studio Ceramics program supports students in becoming inventive artistic scholars who contribute to visual culture through art making.

AP Drawing

Department: Fine Arts

Grade Level: 12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Teacher approval

The AP Drawing portfolios are designed for students who are seriously interested in the practical experience of art. The course framework is composed of course skills, big ideas, essential questions and enduring understandings, learning objectives, and essential knowledge statements. Students submit portfolios for evaluation at the end of the school year. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of their high school career. The visual compositions produced must all relate to a theme that will be continually developed during the course. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reaction, relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time. AP Drawing portfolios submitted at the end of the year will include 15 artworks, detailed descriptions of the works, and descriptions of research that went into the creation of their portfolio and their connecting theme.

Theatre Arts 1

Department: Fine Arts

Grade Level: 9-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: None

Theatre Arts 1 will give students an overview of theatre arts. This course is designed to be an introduction to the various elements of theatre. Students will leave the course with a wealth of theatre vocabulary and the basic elements of theatre such as ensemble acting, improvisation, text analysis, audition techniques and storytelling. Special emphasis is placed on theatre etiquette, noteworthy acting teachers, and vocabulary.

Theatre Arts 2

Department: Fine Arts

Grade Level: 10-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Theatre Arts 1

This course is a continuation of Theatre Arts 1 and is designed for students with a genuine interest in theatre. Topics include advanced focus on performance such as movement, voice and diction development, audition techniques, and character analysis. Through diverse forms of storytelling, students

This year-long class offers students an opportunity to learn in an interdisciplinary style classroom. Students will learn the language of film in a “real-world” video studio environment. This course will reinforce students’ understanding of the art and language of film. Students will learn camera work, script writing, producing, and creating collaborative and individual film projects. Students will work across the curriculum to develop videos that complement journalism classes. This is an inter-active, project-based course producing daily announcements, interviews, and culminating with the production of a weekly television program highlighting the events and stories from campus. Students will learn to write scripts, work effectively in groups, and will develop time management skills while learning the job skills integral to the television broadcast workplace.

INCubator

| | | |
|---------------------------------|----------------------|------------|
| Department: Business | Grade Level: 11-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: Teacher approval | | |

INCubator is a full-year course and offers an authentic entrepreneurship experience as students build a business. Students make mistakes, take risks and learn to pivot. They develop their own product or service startup to gain investment funds in a final shark-tank style pitch event. Real entrepreneurs and industry experts serve as volunteer coaches and mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and continually learning and improving. Students leave the course having completed a Business Model Canvas, competitive analysis, financial model, minimum viable product, pitch deck, future communications plan, and future funding plan.

Principles of Business & Finance

| | | |
|----------------------------|----------------------|------------|
| Department: Business | Grade Level: 10-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: None | | |

This course introduces high school students to the principles of financial management essential for both personal success and running a small business. Through a mix of instruction, projects, and real-world simulations, students will learn how to budget, manage debt, understand investments vehicles, and build a foundational business plan.

Sports Broadcast Journalism

| | | |
|----------------------------|----------------------|------------|
| Department: Business | Grade Level: 9-12 | Credits: 1 |
| Course Length: 2 Semesters | Fees/Materials: None | |
| Prerequisites: None | | |

This course is designed to teach the skills needed to be successful in the field of sports journalism reporting and on-air sports broadcasting. Students in the course will produce live LSA sporting events complete with play-by-play announcers, color commentary, and sideline reporters. In addition to live broadcasts, students will attend sporting events, record the games, and interview players and coaches to create highlight stories, documentaries, and pre/post-game content. Students will work in front of the camera, behind the microphone and camera, and from their laptops while editing, blogging, and posting their work. The program is structured to be a small-scale high school version of ESPN.

propulsion systems and locomotive systems. The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots and illustrations of current state of the art research and applications.

AP Computer Science Principles

Department: STEM

Grade Level: 9-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: Successful completion of Algebra 1 or concurrent enrollment

This course introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, work individually and collaboratively to solve problems, and discuss and write about the importance of these problems and the impacts to their community, society, and the world.

Introduction to Computer Aided Drafting and Drawing

Department: STEM

Grade Level: 9-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: None

This hands-on course introduces students to the principles and practices of Computer-Aided Drafting (CAD), a key tool in the fields of engineering, architecture, and design. Throughout the course, students will explore the fundamentals of 2D and 3D drafting, learn how to use CAD software for design visualization, and understand the importance of accuracy and precision in technical drawings. The curriculum emphasizes practical applications, problem-solving, and creativity in drafting. In the first semester, students will concentrate on 2D design and drafting techniques and principles, while in the second semester, they will shift their focus to 3D design and modeling techniques. Aligned with the Texas Essential Knowledge and Skills (TEKS) for Engineering and Technology, this course provides students with a comprehensive introduction to drafting, design, and modeling in the context of engineering. Students will also explore the ethical, environmental, and societal impacts of engineering projects and design solutions, with a focus on the importance of technical drawing in the creation of safe and sustainable products.

AP Cyber Security

Department: STEM

Grade Level: 10-12

Credits: 1

Course Length: 2 Semesters

Fees/Materials: None

Prerequisites: None

This is a full-year high school course that covers the fundamentals of networking. It is equivalent to a college-level Introduction to Networking course. The course interweaves essential networking concepts with relevant, hands-on problem-solving activities to maximize the student' understanding of network hardware and configuration, the use of protocols to enable reliable and accurate transmission of data between different hosts around the world, and relevant security practices that secure the transmission of data both within and between computer networks.

LEAH Schools Online Courses

LEAH Schools online courses are currently offered through Orange Lutheran High School. For a complete list of courses offered, please visit [Orange Lutheran Online Courses](#).



Planning Your Middle School Program

Philosophy

Students in the Middle School are in transition from childhood to young adulthood. Thus, these are special, exciting years as students experience sudden bursts of growth, not only in their bodies, but also in their spiritual, academic, and social lives. LSA strives to make these years stimulating, productive and enjoyable. We desire to be in partnership with the students and their families as they travel through these interesting and often challenging years.

Promotion Policy

Students moving from sixth to seventh, seventh to eighth, or eighth to ninth grade must have a yearly passing average of the two school semesters (60 or higher) in each of the core classes (Language Arts, Science, Math, Geography/History and Religion) and in non-core classes. If a student has an overall failing average in one or two core classes, the student will be required to attend summer school. If the student has failed three or more core subjects, the student will be retained in the present grade level.

Core Subjects

Bible Study: Bible Study courses are Bible-based courses studying our salvation from a historical perspective and making it come alive through a relational perspective.

Language Arts: Language Arts received special emphasis in a double block of time to study literature and composition.

Mathematics: Math courses are offered through Geometry, thereby allowing students to complete Calculus through a normal progression while still in high school.

Science: Science courses are integrated, laboratory-based courses.

Social Studies: Sixth grade studies Geography, followed by Texas History in seventh grade, and American History in eighth grade.

Enrichment

Spanish: Spanish course lay a foundational vocabulary to better equip students for high school Spanish.

Physical Education: These activity-based courses teach physical fitness, team, and individual sports in an organized setting.

Technology: Students are taught a wide variety of computer skills and programs using the latest state of the art equipment.

Electives: Students may choose an elective from the following: band, choir, art, study skills, Spanish, or yearbook.

Exploratories: This is a unique opportunity for students to experience a variety of unconventional topics. Students fill out an interest survey and are then placed in six-week classes based on their input. Exploratory classes meet one day a week for approximately 40 minutes. Some of the courses offered have included rocketry, dancing, wood burning, writing, cultural crafts, strategy games, drawing and ultimate Frisbee. Students participate in three classes per semester. This experience is designed to expose students to new skills in a relaxed setting.

Middle School Course Descriptions

Bible Studies

Bible Study 6

Department: Religion

Grade Level: 6

Course Length: Full Year

Fees/Materials: None

The students will learn that the Bible has the answers to their personal conflicts: repentance, confession, and forgiveness. They will begin to understand that they need to obey God regardless of how they feel. Students will also learn the key concepts of faith such as law, Gospel, confession and repentance, forgiveness, and grace while focusing specifically on the person, attributes, and work of God the Son.

Bible Study 7

Department: Religion

Grade Level: 7

Course Length: Full Year

Fees/Materials: None

In Bible Study 7, students learn skills that strengthen their relationship with their families and friends. By learning how to use God's way of resolving conflicts, students will be better prepared to mature into responsible adults and experience more stable relationships at home, in the workplace, and in their communities. Students study the beginning of the church as described in the book of Acts. They learn that some of the problems faced by members of the early church are the same problems that we still face today. By knowing more about the history of the church, the world, and the people God created to occupy it, students will be able to witness God's love and grace.

Bible Study 8

Department: Religion

Grade Level: 8

Course Length: Full Year

Fees/Materials: None

This course focuses on the students' Christian relationships with God and their fellow human beings. Different resources and approaches help students understand how their actions and decisions affect those around them. Students become informed witnesses of the Word, through learning Christian doctrine and supporting their beliefs through knowledge of the Bible. Students will learn to use a Christian perspective to handle everyday issues and relationships.

Language Arts

Language Arts 6

Department: Language Arts

Grade Level: 6

Course Length: Full year/double blocked

Fees/Materials: None

The sixth grade Language Arts course encompasses writing, grammar, and reading. The course begins with a unit designed to prepare incoming middle school students with basic organization, time management, note-taking, and test-taking strategies. First semester focuses on historical fiction, while the second semester focuses on biography and modern fiction. The reading/writing connection is emphasized though

author studies, novels, and written compositions. Writing assignments include both formal and informal styles. Poetry is used to foster self-expression and creativity. Daily oral language activities provide frequent grammar practice.

Language Arts 7

Department: Language Arts

Grade Level: 7

Course Length: Full year/double blocked

Fees/Materials: None

The seventh grade Language Arts course encompasses writing, grammar, and reading. The reading/writing connection is built into the curriculum, and students learn by doing. Vocabulary development is supported throughout the readings. Students also learn to integrate more sophisticated vocabulary and grammar in their writing. At the same time, listening and speaking are encouraged through formal and informal presentations. Students learn to integrate the writing process into daily activities, use problem-solving and critical-thinking skills, develop decision-making skills, and examine their Christian walk using literature as a springboard and writing as a tool for self-reflection.

Language Arts 8

Department: Language Arts

Grade Level: 8

Course Length: Full year/double blocked

Fees/Materials: None

The eighth grade Language Arts curriculum reflects the importance of writing as a process, emphasizing collaborative learning, critical-thinking skills, reading/writing connection, and the need to integrate more sophisticated grammar and mechanics within writing. Vocabulary, writing, language, and literature are emphasized; listening and speaking skills are also important and develop naturally from the learning process.

Yearbook

Department: Language Arts

Grade Level: 7-8

Course Length: Full year

Fees/Materials: None

Students learn the basics of photography, including how to use a camera and compose great shots. They take photos of school events, sports, and everyday moments to showcase the year. In addition, they are responsible for the Middle School yearbook, where they work collaboratively to design and organize the yearbook using layout and editing tools. The class combines creativity, teamwork, and technical skills to produce a lasting keepsake for the entire school.

Mathematics

Math 6

Department: Mathematics

Grade Level: 6

Course Length: Full Year

Fees/Materials: None

In 6th grade Mathematics, the students learn important middle school mathematics concepts and see how they are related. They also gain an understanding of underlying principles of Algebra and geometry. Lessons often include pictures, charts, graphs, or models to assist in the learning process. Students explore and discover the importance of mathematics in daily life.

Math 7

Department: Mathematics

Grade Level: 7

Course Length: Full Year

Fees/Materials: None

The General Mathematics 7 course uses real-life data and problems, chapter themes, projects, and mathematical modeling to illustrate the everyday usefulness of mathematics. Through numerous real-life applications, students learn to value the mathematics they are learning and to see the usefulness of mathematics as a tool for problem solving. Students use calculators to simulate the real-world use of technology.

Math 8

Department: Mathematics

Grade Level: 7-8

Course Length: Full Year

Fees/Materials: None

Prerequisites: Student qualification, teacher recommendation

The Math 8 course integrates mathematical strands such as Algebra, Geometry, measurement and data analysis. In the context of interesting applications, students learn, practice and extend mathematical concepts and skills in examples, exercises and special features. Students investigate mathematics with in-class lectures and discussions, hands-on labs, manipulatives and technology activities. The students use calculators as well as other mathematical tools including mental math, estimation and number sense. Taking Math 8 in the 7th grade is considered an advanced level in middle school mathematics. Students enrolling in the course must meet requirements based on grades, test scores, and teacher recommendation.

Algebra 1

Department: Mathematics

Grade Level: 8 Credits: 1 HS

Course Length: Full Year

Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Math 8 or equivalent.

Algebra 1 lays the foundation for all future math courses. Topics include the properties of algebra, linear functions and inequalities, quadratic functions, systems of linear equations and inequalities, properties of exponents, simplification of polynomials, factoring, and rational functions.

Geometry

Department: Mathematics

Grade Level: 8

Credits: 1

Course Length: Full Year

Fees/Materials: TI 84 Calculator

Prerequisites: Successful completion of Algebra 1

Geometry Honors serves as an introduction of Euclidean geometry. Topics include logic, proof, angles, parallelism, properties of two- and three-dimensional figures, congruence, similarity, and basic trigonometry. Additional emphasis is given to writing formal proofs.

Science

Science 6

Department: Science

Grade Level: 6

Course Length: Full year

Fees/Materials: None

In Grade 6, the study of science includes the exploration of scientific concepts through laboratory exercises, critical-thinking situations, problem-solving skills, and approaching science by questioning. The integration of these methodologies allows students to explore the world by investigating questions and drawing conclusions. Science is an ever-changing world that incorporates many other areas of study beyond scientific matter. Through the course, students become better acquainted with the specific components of science and how those components relate to the universe.

Science 7

Department: Science

Grade Level: 7

Course Length: Full year

Fees/Materials: None

In Grade 7, the study of science integrates the scientific fields of chemistry, physics, biology, and earth science. Critical-thinking skills are emphasized as students learn to apply their knowledge to real-life situations. Dissection is taught in conjunction with the biology unit. Additionally, students learn how to take a post-dissection lab practical.

Science 8

Department: Science

Grade Level: 8

Course Length: Full year

Fees/Materials: None

In Grade 8, the study of science integrates chemistry, physics, biology, environmental interactions, and earth science. Students will conduct laboratory investigations and use critical-thinking skills to apply what they have learned to real-life situations. An emphasis is given to developing foundational concepts in Chemistry, Physics, and Biology to enhance students' success in these high school courses.

Social Studies

Geography

Department: Social Studies

Grade Level: 6

Course Length: Full year

Fees/Materials: None

Students are presented a balanced, broad view of the interactions of people with their physical and cultural environments, both historically and in today's global realm. Students learn about physical and cultural geography that will empower them to become thoughtful participants in this world. The five themes of geography (Location, Place, Human/Environmental Interactions, Movement, and Regions) are emphasized to connect this global view of the world. This course develops the concept that God created this world for us, and we are the caretakers of it. By knowing more about the world and the people God created to occupy it, students are able to witness God's love and grace.

Texas History

Department: Social Studies

Grade Level: 7

Course Length: Full year

Fees/Materials: None

In Texas History, students study the history of Texas from early times to the present. Students examine the full scope of Texas history, including the cultures of Native Americans living in Texas prior to European exploration. The focus in each era is on the impact of key individuals, events, and issues. Students identify regions of Texas and the distribution of population within and among the regions. Students describe the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

American History

Department: Social Studies

Grade Level: 8

Course Length: Full year

Fees/Materials: None

Using critical-thinking skills, including the identification of bias in written, oral, and visual materials, students study the history of the United States from the early colonial period through Reconstruction. Historical content focuses on the political, economic, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the U.S. Constitution, challenges of the early Republic, westward expansion, sectionalism, Civil War, and reconstruction. Students describe the physical characteristics of the United States and their impact on population distribution and settlement patterns. Students analyze economic factors that influenced the development of colonial America and the early years of the Republic and identify the origins of the free enterprise system. Students examine American beliefs and principles reflected in the U.S. Constitution and other historical documents. Students evaluate the impact of Supreme Court cases and major reform movements of the 19th century as well as evaluating that impact of scientific discoveries and technological innovations on the development of the United States.

Foreign Language

Spanish 6

Department: Spanish

Grade Level: 6

Course Length: Full year

Fees/Materials: None

Students will be able to recall information learned throughout the year by creating sentences to communicate with peers and others in the community. The Middle School Total Physical Response Storytelling (TPRS) program is introduced. The students will also be able to use this new information for future classes. This course establishes the building blocks of the Spanish curriculum.

Spanish 1A and Spanish 1B

Department: Spanish

Grade Level: 7 & 8

Credits: 1 HS

Course Length: Two Full years

Fees/Materials: None

Prerequisites: None & Spanish 1A

Spanish 1A introduces students to the Spanish-speaking world with a balance of grammar and vocabulary in every lesson along with consistent review and assessment.

Spanish 1B continues where Spanish 1A left off. These two courses serve as an introductory course of language acquisition at the high school level. Acquiring another language incorporates communication skills such as listening, speaking, reading, and writing. Students develop these skills by using communication strategies, technology, and content from other subject areas to socialize, to acquire and provide information, to express feelings and opinions and to get others to adopt a course of action. Knowledge of the Hispanic culture connects to other disciplines. Comparisons between languages and cultures, and community interaction enhance the communicative language-learning experience. The primary goal of this entry-level course is the acquisition of vocabulary and communication skills.

Physical Education

General Physical Education

Department: Physical Education

Grade Level: 6-8

Course Length: Full year

Fees/Materials: Uniform Fee

The physical education classes introduce the middle school students to a variety of team sports (football, volleyball, basketball, soccer, softball), and also some individual life-long sports (golf, tennis, bowling). Students learn concepts underlying a healthy lifestyle and develop life-long fitness skills through running, jogging, sit-ups, push-ups, and strength training.

Health

Department: Physical Education

Grade Level: 7-8

Course Length: Full year

Fees/Materials: Uniform Fee

Health Class is taken in conjunction with P.E. Students learn about food, nutrition, weight management and exercise, health issues, safety and first aid tip, and sexual education.

Athletic Physical Education

Department: Physical Education

Grade Level: 6-8

Course Length: Full year

Fees/Materials: Uniform Fee

The athletic physical education classes provide a high intensity workout for the middle school students that are involved in after school athletics. Students will work on daily strengthening drills, endurance drills, speed drills, and conditioning workouts. They will learn proper lifting technique in the weight room. They participate in anaerobic and aerobic exercises. Running and agility drills will also be incorporated into the program. They will also work on specific sport training during the appropriate seasons.

Fine Arts

Beginning Choir

Department: Fine Arts

Grade Level: 6

Course Length: Full year

Fees/Materials: Music Fee

Seventh/eighth grade art is a course that encourages personal expression with themes such as Storytellers, Teachers, Messengers, and Pioneers. Students receive instruction in the elements and principles of design, media and forms, and skills and techniques. Skills and techniques include gesture and contour, proportions and perspective. Art History focuses on major genres including portraits, fantasy, and architecture. The multicultural focus includes personal encounters with diverse artists from Haiti, Puerto Rico, and Israel.

Other

6th Grade Learning Lab

Department: Other

Grade Level: 6

Course Length: Full year

Fee/Materials: None

The Learning Lab is designed to teach organizational skills and study skills. The teacher will use the first 10-15 minutes to review different skills throughout the year, and the remainder of the class period is for students to work on homework.

7th & 8th Grade Learning Lab

Department: Other

Grade Level: 7,8

Course Length: Full year

Fee/Materials: None

The 7th and 8th Grade Learning Lab is designed to teach students new technology applications and online resources. The teacher will use the first 10-15 minutes to review different resources and skills throughout the year, and the remainder of the period is for students to work on homework.

Orange Lutheran Online Middle School Class

Yearlong Spanish 1

This course focuses on developing language skills through listening, speaking, reading, memorization, and acquisition of vocabulary, as well as written exercises. Each week covers thematic subjects through pertinent to students' lives. The themes are incorporated into grammatical lessons. Specific topics and activities for the first semester include: common vocabulary—including articles and adjectives. Learning methodology includes assigned readings, lectures, discussion responses, online interaction with classmates, and introspective learning summaries.



Lower School Grade Descriptions

Pre-Kindergarten

Pre-Kindergarteners (three-year old level and four-year old level) explore the world with their senses through varied activities and experimentation. The curriculum for these two age groups revolves around monthly themed units with specific objectives for Language Arts, math, Social Studies, Science and Religion. Skills for physical, cognitive, emotional, social, aesthetic and spiritual development are interwoven within the academic areas.

Language arts, math, science, and social studies are incorporated into themes which include *Back to School; All About Me; My Family and Friends; Time, Weather and Seasons; My Neighborhood; Living Things; The World Around Me; Animals; and My Favorites*. Specific objectives for each unit in Pre-Kindergarten Three differ from the objectives of Pre-Kindergarten Four. Pre-Kindergarten Four also uses the curriculum resources from Big Day for Pre-K from Scholastic. Within these monthly themes the religion curriculum teaches the children that Jesus loves them and is their friend. The Bible stories are presented in chronological order so that the children know Jesus as the Savior who takes away sin and is always present in their lives. The concepts from the Bible stories make application to the young child's life in today's world.

Individual work in centers, as well as large and small group times, integrates the development of the whole child. Learning centers provide opportunities for hands-on reinforcement of concepts and skills that have been introduced in a group setting. These centers are deliberately planned and organized to give support to the themes, skills and concepts.

Pre-Kindergarten classes also participate in Physical Education, music, Spanish and Technology. iPads are used to integrate technology into a variety of curricular areas. Students present and Christmas program in December and a spring program in April. Students experience Art through planned activities related to the monthly themes. Various media are incorporated into both the guided activities and the free exploration centers. Students are active in worship through weekly Chapel services and through service projects.

Kindergarten

Language Arts

Kindergarten students engage in activities to develop their use of oral language skills in accordance with beginning the foundations of reading and writing. Activities focus on extending vocabulary skills of familiar words while learning words that are conceptually challenging. Students are exposed to classic and contemporary children's literature. They focus on listening skills to develop comprehension. Students also differentiate between fiction and nonfiction literature.

Student in Kindergarten begin the process of writing, focusing on the sequence of sounds and letters and connecting these concepts. Students begin reading and writing words. In Kindergarten, students write the letters of the alphabet, and using their knowledge of sounds and letter, begin independent writing.

Mathematics

The goals of mathematics in Kindergarten include developing whole number concepts and using patterns and sorting to explore numbers, data, and shapes. These key components are building blocks to mathematical processes such as algebraic thinking, quantitative reasoning, number operation, and mathematical expression. Through manipulative materials, students in Kindergarten develop these processes to solve mathematical problems, as well as infer relationships of mathematics in the everyday world.

Religion

The Kindergarten curriculum is designed to assist students in learning the key concepts of faith that reflect children's growing perception of spiritual relationships. These relationships include "Me and God," "Me, God, and Others," and "Me, God and my World." Students worship during weekly Chapel services and also participate in service projects.

Science

Science in Kindergarten introduces the use of simple classroom and field investigations to assist students in asking questions, gathering information, communicating their findings, and making informed decisions. Students focus on components of the natural world. Students develop a sense of seasons and change in the natural world. Students investigate organisms and their parts and learn how to group living and nonliving organisms based upon their features.

Social Studies

The focus of social studies in Kindergarten is on self, home, family, and the classroom. Students are exposed to our state and national heritage, including patriotic holidays and the contributions of historic figures. Students discuss the geographic concepts of location and chronology. Meeting the basic needs of food, shelter, and clothing are discussed. Authority of home and school, along with customs, symbols, and celebrations are also a focus of social studies in Kindergarten. Through a variety of oral and visual sources, students begin to understand their roles as members of society.

Spanish

Spanish at the Kindergarten level is focused on developing simple usage of common words, along with a cultural emphasis, primarily in the seasonal celebrations. Student in Kindergarten learn simple greetings, colors, numbers (0-10), days of the week, months, animals, body parts, and terminology associated with seasonal celebrations, food, etc. Kindergarten students also learn expression of language in the form of questions. Thematic based approach is used.

Physical Education

Students acquire the knowledge and skills for movements that provide the foundation for enjoyment, social development, and a physically active lifestyle. The students learn fundamental movement and apply concepts dealing with space and body awareness. Students are engaged in activities that develop basic levels of strength, endurance, and flexibility. In addition, students learn to work safely in group and individual movement settings.

Art

Students experience Art through planned activities related to the monthly themes.

General Music

Kindergarten students participate in a general music class. Students learn to vocalize appropriately and are introduced to musical experiences including singing, composing, improvisation, expressive movement and singing games. Students sing together as a class and individually with both sacred and secular songs of various genres. Students participate in a Christmas Musical and a spring program.

Technology

Students demonstrate a knowledge and appropriate use of hardware components, software programs, and their connections. Students use data input skills to complete an assigned task. Students use iPads to integrate technology into a variety of curricular areas.

First Grade

Language Arts

Students continue to develop their language and communication skills toward becoming independent readers and writers. Students listen and respond to a variety of children's literature, including selections from classic and contemporary works, which stimulates vocabulary development. Students learn decoding techniques to develop their reading skills. Student read stories, poems, and informational text (both orally and silently) which are appropriate in difficulty for their word recognition level and understanding. First semester emphasizes phonics; second semester emphasizes fluency ad reading comprehension. Students demonstrate knowledge and comprehension by asking and answering questions, retelling stories, predicting outcomes, and making and explaining inferences. Students develop their skills as writers, demonstrating the differences between phrases and sentences. Students organize information into stories and journals using grammatical rules. Students work to become proficient spellers.

Mathematics

The primary focal points of mathematics in Grade One are adding and subtracting whole numbers and organizing/analyzing data. Students work to build a foundation of basic number theory, quantitative reasoning, geometric skills, algebraic thinking, and basic mathematical reasoning. Students use numbers to order, compare, label, and express quantities in relationship to solving mathematical problems, Students use informal language to analyze mathematical graphs, geometric properties, and measurement concepts. Students learn to use simple fractions, to tell time to the hour and half hour, and to count coins.

Religion

Religion is designed to assist students in learning key concepts of faith such as Law, Gospel, confession, repentance, forgiveness, and grace. This is achieved in accordance with a specific focus on the person, attributes, and work of the Triune God. Students worship during weekly Chapel.

Science

Students identify components of the natural world while learning to gather information, perform measurements, and draw conclusions. Topics including heat, natural resources, weather, physical health,

symbiotic relationships, and living organisms are studied. Students are also exposed to systems and cycles of interaction in terms of space, time, energy, and matter. Students actively explore these properties and apply the components of the scientific method.

Social Studies

The focus of social studies is to develop a relationship between classroom, school, and community. Students piece together elements of chronology among past, present, and future events. Students design simple maps to identify the location of places in the classroom and the world. The value of goods, wants, and services is developed. Students identify historic and ordinary people who are examples of good citizens and study their importance in society. Students build a foundation in history, geography, economics, government, citizenship, and culture.

Spanish

Grade One students begin the year reviewing terminology and expressions from Kindergarten. These concepts assist in leading to the introduction of new Spanish terminology and its usage. Students learn more commands, numbers (0-20), birthdays, zoo animals, family cultural celebrations, clothes, and school-related vocabulary. Students begin to learn the grammatical usage of the Spanish language by investigating and learning adjectives and prepositions. Thematic based approach to learning.

Physical Education

Students acquire the knowledge and skills for movements that provide the foundation for enjoyment, social development, and a physically active lifestyle. The students learn fundamental movement and apply concepts dealing with space and body awareness. Students are engaged in activities that develop basic levels of strength, endurance, and flexibility. In addition, students learn to work safely in group and individual movement settings.

Art

Students continue to develop their art skills by relying on their perceptions of the environment, memory, imagination, and life experiences. Art is integrated into the other subject areas, as well as having class with the art teacher.

General Music

Students continue their musical experiences through beautiful singing, composing, improvisation, expressive movement and singing games. Students participate in a Christmas Musical and spring program.

Technology

Students review the five major parts of a computer, the proper care of software and hardware, and identification of letters and numbers on the keyboard. Students will use appropriate terms as they begin using simulation programs to develop problem-solving skills. Under the guidance of the teacher, students use the web to enhance and extend other curricular areas. Students use the computer lab as well as iPads in the classroom to integrate technology to many curricular areas.

Second Grade

Language Arts

Second grade students move from learning to read to reading to learn. They continue to develop their language and communication skills toward becoming independent readers and writers by reading and responding to a wide variety of literature selections including fiction, nonfiction, poetry, biography, historical fiction, folklore, and readers' theater. During whole group, small group and independent instruction, students learn and practice reading strategies to build comprehension including making inferences, drawing conclusions, comparing and contrasting, and finding main ideas.

Students develop written communication skills through participating in writing workshops incorporating personal narratives, fiction, writing instructions, letter writing, and beginning research. Students also receive direct instruction in sentence structure, parts of speech, grammar, syntax, and spelling patterns. Students practice contemporary manuscript handwriting throughout the year.

Mathematics

Students continue to develop a strong foundation in number and problem-solving skills and concepts through direct instructions, technology, use of manipulatives, and independent practice. Students learn place value, adding and subtracting numbers up to three digits, geometry, fractions, American and metric measurement of distance, volume and mass, and multiplication/division readiness.

Religion

Religion instructions focuses on faith development. Students study Old Testament Bible stories illustrating God's promises and faithfulness and New Testament Bible stories demonstrating His great love for us in Jesus Christ. Students memorize Bible verses, retell stories, and learn to share their growing faith. Students worship during weekly Chapel services and participate in regular service projects.

Science

Second graders continue to investigate Life, Earth, Physical and Health sciences through the science text, technology, and hands-on activities. Students increase knowledge of plant and insect life cycles, formation of rocks and fossils, movements of earth, moon, and sun, interactions of force, matter, sound, and light. Health topics including care of teeth and safety are also part of the curriculum.

Social Studies

Second grade students continue to develop an understanding of self, classroom, and community, and their relationship to society. Students explore citizenship, geography (including map skills and landforms), local, state, and national government, American history, and economics.

Spanish

Students continue to increase their vocabulary, develop grammar skills, and demonstrate understanding of concepts. Students practice use of adjectives and prepositions, reinforce parts of the body, animals, numbers (0-30 and counting to 100 by 10's), school vocabulary, and commands. The rich culture of the Hispanic community is emphasized. Thematic based approach.

Physical Education

Students acquire the knowledge and skills for movements that provide the foundation for enjoyment, social development, and a physically active lifestyle. Students continue to learn fundamental movement and apply concepts dealing with special and body awareness. Students are engaged in activities that

develop basic levels of strength, endurance and flexibility. Students understand the relationship between physical activity and health throughout life.

Art

The art curriculum introduces students to various elements of art including line, color, shape, form, texture, pattern, space, and composition. Students use a variety of art media in a variety of subject areas, as well as having a class with the art teacher.

General Music

Students continue to learn basics of pitch through the use of diatonic solfege as well as the relationship between beat and rhythm. Proper singing technique is emphasized as well as music literacy and expressive elements to music through song, game, dance, traditional notation and other activities. Students participate in two performances a year: a Christmas Musical and a Spring Program. Classes meet two times per week for thirty minutes.

Technology

Students review the five major parts of a computer, the proper care of software and hardware, and demonstrate mastery in identification of letters and numbers on the keyboard and in using the mouse. The students also use iPads and the computer lab to develop a variety of skills and learn to navigate on-line resources.

Third Grade

Language Arts

Third grade students read and write more independently than in previous grade levels. Students spend time engaged in their own reading and writing, as well as in assigned tasks and projects. Students learn root words, prefixes, and suffixes. Students begin to distinguish fact from opinion, as well as to learn to support their inferences by citing portions of text. Students read from a variety of genres including realistic and informative fiction, nonfiction, and poetry. Classroom discussion enables students to develop oral skills.

Students write with more proficient spelling as they are instructed in spelling techniques. Continued development of skills in syntax and grammar including word usage, capitalization, and punctuation is emphasized as students write in longer sentences and organize their writing into longer passages. Students master manuscript writing and begin to use cursive writing in the production of writing samples and drafts which have been edited and finalized according to grammatical rules.

Mathematics

Students use addition, subtraction, multiplication, and division as generalizations connected to concrete experiences. Students are introduced to fractions and decimals. Students use visual mathematics, such as graphs and charts, to develop mathematical understanding. Students learn the correct formal language used to communicate shapes and solids, make predictions, estimate and compare, and solve applications problems. Students are equipped with skills necessary to evaluate data and make predictions and decisions to solve mathematical problems.

Religion

The religion curriculum is designed to help students learn the concepts of faith. Topics of instruction include Law and Gospel, confession and repentance, forgiveness and grace, while emphasizing the actions of God on behalf of His people. Lessons reflect the need for the Law, which shows our sins, and the Gospel, which leads us to God's grace. Students are encouraged to live in Christ through the empowerment of the Holy Spirit. Students acquire a knowledge of Bible truths and the ability to apply Scripture to their daily life. Students worship during weekly Chapel services and participate in regular service projects.

Science

Students will develop an understanding of science using the five major strands of science including the Nature of Science, STEM (Science, Technology, Engineering, and Math), Life Science, Earth Science, and Physical Science. Students are engaged through a blend of print, inquiry, and digital experiences in order to build understanding of science concepts.

Social Studies

Students build a foundation in history, geography, economics, government, citizenship, culture, society, and social studies skills through a variety of rich resources. Students expand their knowledge through the identification and study of people who make a difference.

Spanish

Spanish offers a comprehensive review of previously learned Spanish language. Students continue to develop grammar skills including the use of adjectives, prepositions, and simple command words and phrases. Students continue to build school vocabulary and numbers (0-40). They learn new vocabulary in categories including birds and animals of the wood/prairie, health-related concepts, household words and seasonal cultural celebrations.

Physical Education

Students acquire the knowledge and skills for movements that provide the foundation for enjoyment, social development, and a physically active lifestyle. Students continue to develop strength, endurance, and flexibility. Students demonstrate more mature movement forms, learn age-specific skills, and the health benefits of physical activity. Students begin to learn game strategies, rules, and etiquette.

Art

The goal of the art program is to teach every child to express him/herself through art. The first half of the year emphasizes understanding art elements (line, color, space, balance, etc.) and the development of drawing skills and painting techniques. During the second half of the year, students explore a number of different media.

General Music

Students continue to develop musical skills through proper singing techniques and rhythmic accuracy. Students often use instruments to reinforce fine motor skills in conjunction with beat and rhythm. Proper singing technique is emphasized as well as music literacy and expressive elements to music through song, games, dance, traditional notation and other activities. Students participate in two performances a year: a Christmas Musical and a Spring Program.

Technology

Students review the five major parts of the computer, review care of software and hardware, and proper terminology. Students are introduced to keyboarding and begin word processing incorporating graphics into their work. Students continue using the web under the guidance of the teacher. Computer lab and iPads are used to integrate technology into the curriculum.

Fourth Grade

Language Arts

Significant blocks of time are devoted to independent reading. Students continue to read selections from classic and contemporary literature and adapt their reading approach to a variety of texts. Students read for meaning and develop the ability to paraphrase their reading. Students continue to develop a variety of vocabulary words and concepts. Students produce summaries of their reading focused on plot, character analysis, setting and cause and effect. Students begin to analyze spoken language for meaning by evaluating content and the speaker's intent.

Written language is developed through direct instruction in parts of speech and spelling. Students use their skills to create manuscripts which are edited and produced as written compositions. Students create responses in complete sentences and communicate their thoughts effectively.

Mathematics

Mathematics reinforces the use of mathematical skills and operational strategies involving numbers. Students apply this learning to analyze graphs, charts, and data to develop comparisons, predictions, and estimation of data involving numbers. Students continue their development in the use of numbers to measure and explore objects along with solving mathematical application problems.

Religion

Students will learn the importance of personal responsibility as it relates to conflict and will discover ways to prevent conflict in the future. Students will learn that the Bible has the answers to their personal conflicts: repentance, confession, and forgiveness. They begin to understand the importance of obeying God regardless of how they feel.

Science

Students will develop an understanding of science using the five major strand of science including the Nature of Science, STEM (Science, Technology, Engineering, and Math), Life Science, Earth Science, and Physical Science. Students are engaged through a blend of print, inquiry, and digital experiences in order to build understanding of science concepts.

Social Studies

Grade Four examines the history of Texas from its beginnings to the present. Topics include the Texas Revolution, establishment of the Republic of Texas, and subsequent annexation by the United States. The curriculum emphasizes an understanding of the people involved in these events, as well as the numerous populations which are a part of Texas history. Economics, geography, and culture are also topics of study in the exploration of Texas history and Texas today. Students use critical-thinking skills, including

generalizations, predictions, and comparison/contrast to better understand the development of the Republic and State of Texas.

Spanish

Fourth Grade Spanish adds a component known as Total Physical Response Storytelling (TPRS). The goal is to develop fluency. Students are active in the storytelling process and use the method to develop speaking and comprehension skills. Students add to their vocabulary base by learning household and clothing terms, numbers (0-100), and reviewing previously learning material. As part of the K-12 Spanish curriculum, students continue to learn about cultural and seasonal celebrations in the Hispanic culture.

Physical Education

Students continue to develop strength, endurance, and flexibility. Students demonstrate mature form in fundamental motor and manipulative skills. Students demonstrate more mature movement forms, learn age-specific skills and the health benefits of physical activity. Students continue to learn game strategies, rules, and etiquette. Students continue to understand the importance of physical activity and the health benefits.

Art

Students will explore basic materials and utilize various tools techniques in order to creatively express themselves. Students will also understand how colors are related and will apply these relationships to their artwork.

Instrumental Music

Students are formally introduced to instrumental music through the recorder. Basic notation, rhythm, pitch, steady beat and fine motor movements are all taught through the recorder curriculum. Students will grow in their knowledge of the basic components of music, learn to play as a member of an ensemble, and use music as an outlet for self-expression to the glory of God. Students participate in recorder classes two days a week.

General Music

Students continue to develop musical skill with a vocal emphasis. Proper singing technique is taught and encouraged in conjunction with songs, games, dances, music notation, and other activities that reinforce musical development. Students also learn music as it relates to history and culture through the study of composers and influential composers. Students participate in two performances a year: a Christmas Musical and a Spring Musical.

Technology

Students continue to develop their keyboarding skills in conjunction with word processing. They expand their computer knowledge through the use of MacBooks complete cross-curricular assignments and projects using a variety of programs.

Fifth Grade

Language Arts

Students refine and master skills for language development. Focus is on main idea, summarizing, generalizing, inferencing, sequencing, cause and effect, fact and opinion, and drawing conclusions. Students continue to read contemporary and classic literature in several genres. Students are able to organize information and analyze in more depth the use of characterization, plot, conflict and setting.

Student writing builds on previously learned concepts as students link ideas and produce final, error-free pieces. Specific grammar units in usage and mechanics are taught, supplemented with daily oral language activities. Students incorporate research in cross-curricular areas as they learn to select multiple pieces of text to complete research-based writing assignments. Vocabulary development is another focus of language development.

Mathematics

Students continue to build their knowledge of number theory, number operations, quantitative and spatial reasoning skills, and problem-solving techniques. Students continue to master operational skills using whole numbers, fractions, and decimals. These operational skills are combined with instruction in analyzing charts, graphs, shapes, and space, along with problem-solving applications.

Religion

Religion is designed to acquaint students with the concepts of faith. Topics include Law and Gospel, confession, and repentance, forgiveness and grace, while emphasizing the actions of God on behalf of His people. Lessons in Grade Five reflect the need for the Law, which shows us our sins, and for the Gospel, which leads us to see God's grace. These lessons encourage students to lead a daily life in Christ through the empowerment of the Holy Spirit. Students also study the Old Testament and apply the Word in developing God-pleasing relationships with one another.

Science

Science includes the planning and implementing of digital labs, interactive activities, field and laboratory investigations as students integrate the scientific method into their study. Students study life, physical, and earth sciences. Students also participate in the Science Demonstration Day where they research and demonstrate a scientific concept. These demonstrations are performed for other students at Lutheran South Academy. Students use the computer for science research activities.

Social Studies

Students learn the history of the United States from exploration through the 20th Century. Topics include early exploration, the colonial and revolutionary periods, the establishment of the United States, the Civil War, Reconstruction, and major events during the late 19th and 20th centuries. Students study the roots of democratic governance in our nation and its important ideals. Study includes the Declaration of Independence and the U.S. Constitution. Customs, celebrations, and contributions of various racial and ethnic groups, inventors, and scientists are identified and discussed.

Spanish

Students continue the TPRS method of storytelling to develop Spanish language skills. The goal is to develop fluency. Students learn new commands and numbers up to one thousand. Students learn additional vocabulary for clothing, as well as for pastime activities. Continued emphasis is placed on cultural and seasonal celebrations.

Physical Education

Students demonstrate competence and improved accuracy in manipulative skills. Basic skills including jumping rope, catching, and throwing and used in games. Students continue to learn game strategies, rules, and sportsmanship. Students match different physical activities to health-related fitness components and learn ways to improve fitness based on frequency, intensity, and time.

Art

Students use art to respond to and demonstrate understanding of concepts across curriculum. Art concepts include composition, line, area, texture, value, color and space.

Instrumental or Vocal Music

Fifth Grade students have the opportunity to select a traditional concert band instrument or vocal music as an elective. Students who chose band are taught basic elements of music such as rhythm, notation, pitch, steady beat, intonation, and tuning. Through instrumental music students also improve their hand-eye coordination and fine motor movements. Students also learn how to play as a member of a performing ensemble and have the opportunity to perform at two concerts within the school year. Students who chose vocal music continue to develop musical skill through vocal development. Proper singing technique is developed through vocal warm-ups, rounds, counter melodies and polyphonic harmonies in songs. Games, dances, music notation and other resources promote musical literacy. Students also learn how music relates to history and culture through the study of composers and influential compositions. Students participate in two performances a year: a Christmas Musical and a Spring Program.

Technology

Students continue to develop their keyboarding skills in conjunction with word processing. They expand their computer knowledge through daily use of individual computers to complete cross-curricular assignments and projects using a variety of computer programs.