2021-2022 Middle School

COURSE CATALOG

ROGERS Public Schools

where all belong, all learn, and all succeed

ENGLISH LANGUAGE ARTS

6th Grade	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Accelerated Pathways						
6th English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	7th Pre AP English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	8th Pre AP English	Pre AP English 9	Pre AP English 10	AP English Language & Composition	AP Literature & Composition College Composition I & II
SMART CORE						
6th English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	7th English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	8th English	English 9	English 10	English 11	English 12
CORE						
6th English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	7th English *Literacy Applications* **OR** *REACH G/T Seminar* **OR** *English Language Development*	8th English	English 9	English 10	English 11	English 12

Shaded = graduation credits

Cover Art by: Jason Ivestor

6th Grade

#366110 6th Grade English (required)

This course will focus on reading, writing, speaking and listening, and language standards. Students will write to tell stories, demonstrate understanding of a topic, and argue a position. Students will also apply their skills to research, gathering information and learning to evaluate sources.

OR

#97160E EL English

One of the following is required:

#970906 Literacy Applications — 6th Grade

Students will build their knowledge and vocabulary as they read a wide range of texts including stories, plays, and poems from across cultures and time. They will also read informational texts from a variety of subject areas, including history/social studies, and science. Students will use a variety of methods to evaluate, discuss, and appreciate what they have read.

OR

#970806 REACH, G/T Seminar — 6th Grade **(Pre-requisite:** Rogers REACH G/T identification)

In this course, the REACH curriculum addresses critical thinking, creative thinking, independent and group investigations, and personal growth while aligning with ELA skills. This course nurtures talents and interests through various research projects activities and competitions.

OR

#971604 EL Language Development

The focus of this course is developing proficiency in English through explicit language instruction and practice based on Student Proficiency.

#97090L Literacy Plus

Students may be placed in this course based on their performance on state and/or local assessments.

7th Grade

#377110 7th Grade English — (required)

This course will focus on reading, writing, speaking and listening, and language standards. Students write to demonstrate understanding of a topic, argue a position, and tell stories. Students will also apply their skills to research, gathering information and learning to evaluate sources.

OR

37711P 7th Grade Pre-AP English

(Pre-requisite: Commitment by student to participate in learning the skills and strategies required to be successful in advanced placement courses.)

This course will focus on reading, writing, speaking and listening, and language standards. Students will be introduced to a wide variety of texts. They will write to argue a position, demonstrate understanding of a topic, and tell stories. Students will apply their skills to research, gathering information and learning to evaluate sources. There will also be an emphasis on independent learning and a greater depth of literary analysis.

OR

#97160E EL English

One of the following is required:

#970907 Literacy Applications — 7th Grade (required)

Students will build their knowledge and vocabulary as they read a wide range of texts including stories, plays, and poems from across cultures and time. They will also read informational texts from a variety of subject areas, including history/social studies, and science. Through a variety of methods, they will learn to evaluate and summarize what they have read.

OR

#970806 REACH, G/T Seminar — 7th Grade **(Pre-requisite:** Rogers G/T identification)

In this course, the REACH curriculum addresses critical thinking, creative thinking, independent and group investigations, and personal growth while aligning with ELA skills. This course nurtures talents and interests through various research projects, activities and competitions.

OR

#971604 EL Language Development

The focus of this course is developing proficiency in English through explicit language instruction and practice based on Student Proficiency.

#97090L Literacy Plus

Students may be placed in this course based on their performance on state and/or local assessments.

8th Grade

#388110 8th Grade English (required)

This course will focus on reading, writing, speaking and listening, and language standards. Students will read increasingly challenging stories, plays, and poems from across cultures and time periods. They will also read literary nonfiction and informational texts from a variety of subject areas including history/social studies and science. Students will write to argue a position, demonstrate understanding of a topic, and share stories and experiences. They will also apply their skills to research, gathering information and learning to evaluate sources. This course builds upon the skills taught in 6th and 7th grade English.

OR

#38811P 8th Grade Pre-AP English

(Pre-requisite: Commitment by student to participate in learning the skills and strategies required to be successful in advanced placement courses.) This course will focus on reading, writing, speaking and listening, and language standards. Students will read increasingly challenging stories, plays, and poems from across cultures and time periods. They will also read literary nonfiction and informational texts from a variety of subject areas including history/social studies and science. Students will write to argue a position, demonstrate understanding of a topic, and share stories and experiences. They will also apply their skills to research, gathering information and learning to evaluate sources. There will also be an emphasis on independent learning, collaboration and a greater depth of literary analysis.

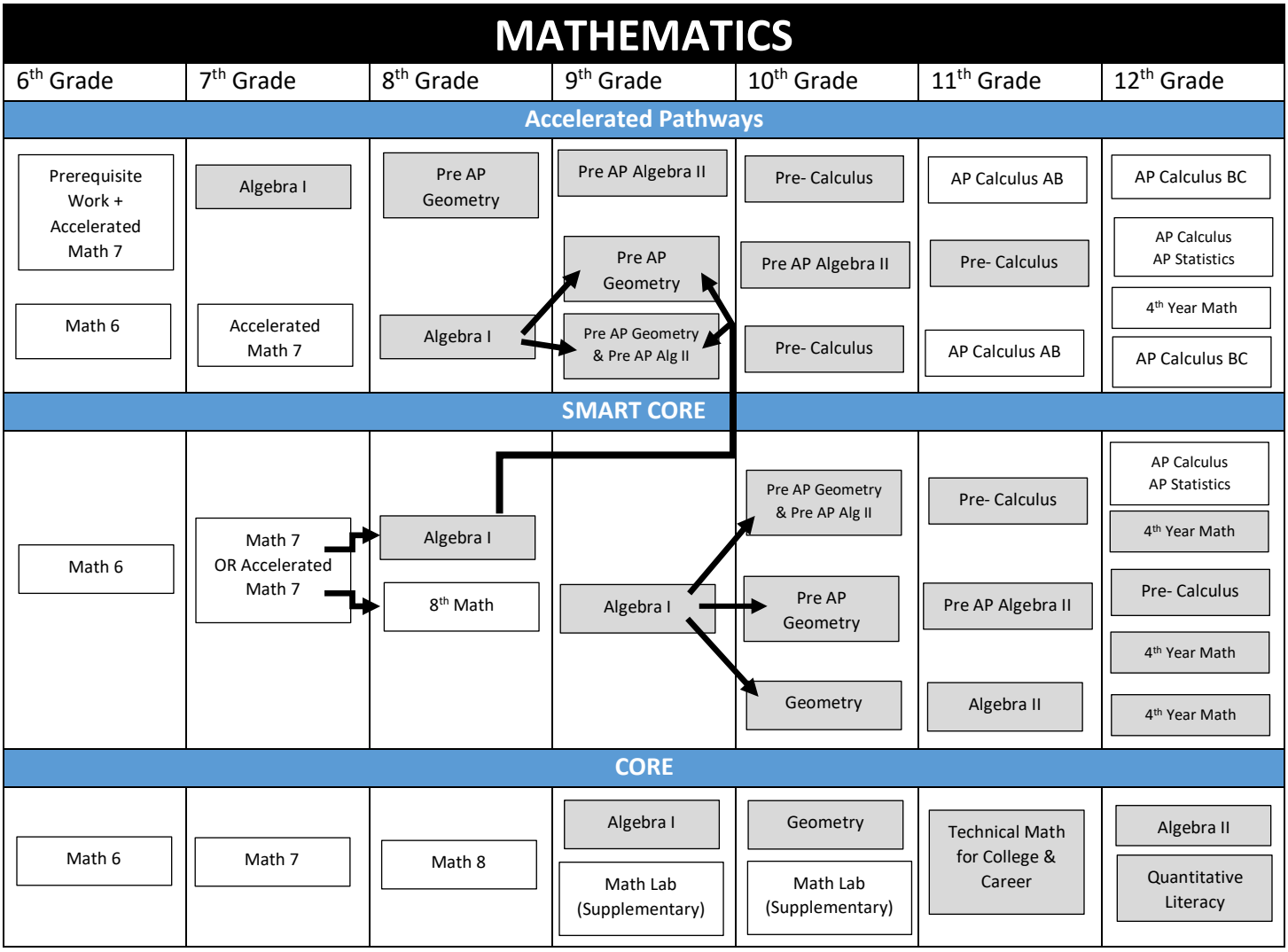
This course builds upon the skills taught in 6th and 7th grade English.

OR

#97160E EL English

#97090L Literacy Plus

Students may be placed in this course based on their performance on state and/or local assessments.



Shaded = graduation credits

6th Grade

#366310 6th Grade Math (required)

This course will focus on four critical areas: 1) connecting ratio and rate to whole number multiplication and division, and using concepts of ratio and rate to solve problems; 2) completing understanding of division of fractions and extending the notation of numbers to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; and 4) developing understanding of statistical thinking.

OR

#37731P 7th Grade Accelerated Math

(**Pre-requisite:** 6th grade CCSS Math and Algebra Aptitude Test score to be determined by the district)

This course differs from the non-accelerated 7th grade course in that it contains content from the 8th grade. While coherence is retained in that it logically builds from the 6th Grade, the additional content when compared to the non-accelerated course demands a faster pace of instruction and learning. The course will focus on four critical areas: 1) develop a unified understanding of numbers, recognizing fractions, decimals, and percents as different representations of rational numbers; 2) use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems; 3) build on previous work with single data distributions to compare two data distributions and address questions about differences between populations; 4.) solve problems involving area, circumference, surface area, and volume.

#97090M Math Plus
Students may be placed in this course based on their performance on state and/or local assessments.

7th Grade

#377310 7th Grade Math (required)
This course will focus on four critical areas: 1) developing understanding of and applying proportional relationships; 2) developing understanding of operations with rational numbers and working with expressions and linear equations; 3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and 4.) drawing inferences about populations based on samples.

OR

#37731P 7th Grade Accelerated Math
(**Pre-requisite:** 6th grade CCSS Math and Algebra Aptitude Test score to be determined by the district.)
This course differs from the non-accelerated 7th grade course in that it contains content from the 8th grade. While coherence is retained in that it logically builds from the 6th Grade, the additional content when compared to the non-accelerated course demands a faster pace of instruction and learning. The course will focus on four critical areas: 1) develop a unified understanding of numbers, recognizing fractions, decimals, and percents as different representations of rational numbers; 2) use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems; 3) build on previous work with single data distributions to compare two data distributions and address questions about differences between populations; 4) solve problems involving area, circumference, surface area, and volume.

OR

#430008 Algebra I*
***This course is for high school credit and will count in high school grade point average and quality point's calculation.**
(**Pre-requisites:** Completion of 7th grade math or 7th grade accelerated math, identification through a predetermined screening process, and commitment by student to participate in a course designed for accelerated pacing and in-depth learning of mathematical skills and strategies required to be successful in advanced courses.) This course differs from high school Algebra I in that it contains content from 8th grade. While coherence is retained, in that it logically builds from the 7th grade curriculum, the additional content when compared to the high school course demands a faster pace for instruction and learning. The primary goal of Algebra 1 is to help students transfer their concrete mathematical knowledge to more abstract algebraic generalizations. Students will solve problems using equations, graphs, and tables to investigate linear, quadratic, and exponential relationships. In addition, students will explore operations on algebraic expressions and apply mathematical properties to algebraic equations.

#97090M Math Plus
Students may be placed in this course based on their performance on state and/or local assessments.

8th Grade

#388310 8th Grade Math (required)

This course will focus on three critical areas: 1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; 2) grasping the concept of a function and using functions to describe quantitative relationships; 3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

OR

#430008 Algebra I*

***This course is for high school credit and will count in high school grade point average and quality point's calculation.**

(**Pre-requisites:** Completion of 7th grade math or 7th grade accelerated math, identification through a predetermined screening process, and commitment by student to participate in a course designed for accelerated pacing and in-depth learning of mathematical skills and strategies required to be successful in advanced courses.) This course differs from high school Algebra I in that it contains content from 8th grade. While coherence is retained, in that it logically builds from the 7th grade curriculum, the additional content when compared to the high school course demands a faster pace for instruction and learning. The primary goal of Algebra 1 is to help students transfer their concrete mathematical knowledge to more abstract algebraic generalizations. Students will solve problems using equations, graphs, and tables to investigate linear, quadratic, and exponential relationships. In addition, students will explore operations on algebraic expressions and apply mathematical properties to algebraic equations.

OR

#431001 Pre-AP Geometry*

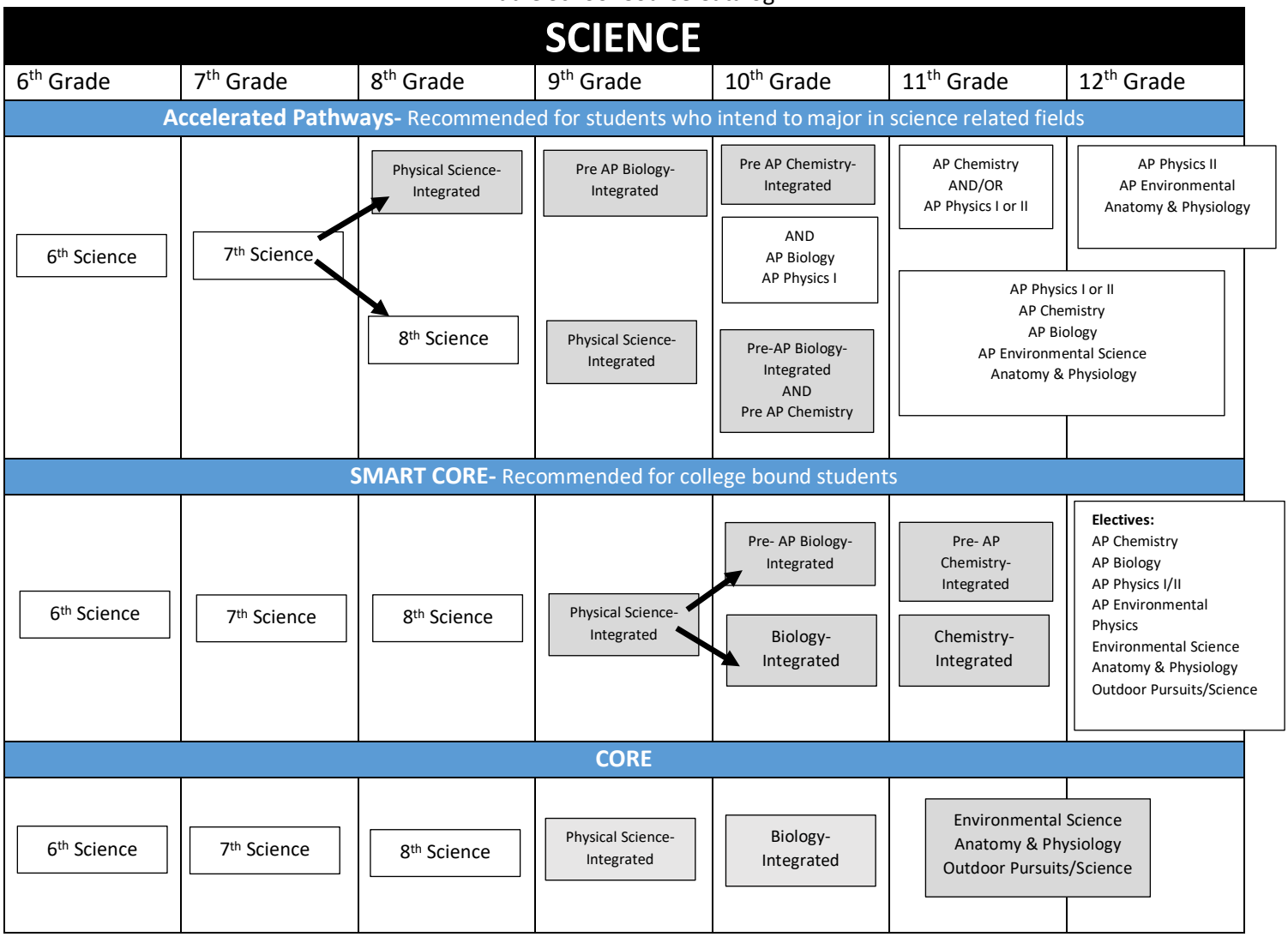
***This course is for high school credit and will count in high school grade point average and quality point's calculation.**

(**Pre-requisite:** Algebra I)

This course is recommended for students planning to take AP courses before graduation. The fundamental purpose of this course is to formalize and extend students' geometric experiences from the middle grades. Congruence, proof, and constructions, similarity, proof, and trigonometry, extending to three dimensions, connecting algebra and geometry through coordinates, circles with and without coordinates, and applications of probability are the six critical areas of study.

#97090M Math Plus

Students may be placed in this course based on their performance on state and/or local assessments.



Shaded = graduation credits

6th Grade

#366210 6th Grade Science (required)

This course is integrated with life, physical, and earth science. This course covers topics including structure, function, information processing, growth and development of organisms, energy, earth's systems, weather and climate, and human impacts.

7th Grade

#377210 7th Grade Science (required)

This course is integrated with life, physical, and earth science. This course covers topics including structure and properties of matter, chemical reactions, matter, energy, interdependent relationships in ecosystems, earth history and systems, and human impacts.

8th Grade

#388210 8th Grade Science (required)

This course is integrated with life, physical, and earth science. This course covers topics including the nature of science, history of the earth, growth and development of organisms, natural selection and adaptations, forces and interactions, energy, waves and electromagnetic radiation, as well as space systems.

OR

#423008 Physical Science-Integrated

***This course is for high school credit and will count in high school grade point average and quality point's calculation.** (**Pre-requisite:** Recommend student is enrolled in Algebra I previously or concurrently with this course.) Students in Physical Science Integrated continue to develop their understanding of the core ideas in the physical, life, and earth and space sciences learned in middle school. These ideas include the most fundamental concepts from chemistry, physics, biology, and Earth and space science but are intended to leave room for expanded study in upper-level high school courses. The performance expectations in Physical Science Integrated build on the middle school ideas and skills and allow high school students to explain more in-depth phenomena central not only to the physical sciences, but to life and earth and space sciences as well. There are six topics in Physical Science Integrated: (1) Elements, Matter, and Interactions, (2) Matter in Organisms, (3) Forces and Motion, (4) Energy, (5) Waves, and (6) Interactions of Humans and the Environment. Students will earn one unit of physical science credit for graduation.

SOCIAL STUDIES

6th Grade	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Accelerated Pathways						
World History	Geography (1 semester) Arkansas History (1 semester)	Pre AP US History	Pre AP US History AP Human Geography	AP World History	Civics (.5) AND Economics (.5) AP Government (meets Civics req.) AND Economics (.5) AP Macroeconomics/AP Microeconomics	AP US History
SMART CORE and CORE						
World History	Geography (1 semester) Arkansas History (1 semester)	US History OR Pre AP US History	US History OR Pre AP US History	World History	Civics (1 semester) Economics (1 semester)	
ELECTIVES						
			AP Human Geography Arkansas History	AP European History Native American Anthropology Psychology World Geography	AP Government AP Macro/Micro Economics AP Psychology Sociology Wartime America	

Shaded = graduation credit

6th Grade

#366710 World History — 6th Grade (**full year**) (required)
Grades 6 Social Studies builds on the foundational knowledge of civics/government, economics, geography, and history gained in earlier grades. This World History course focuses on world history from the beginnings through the middle of the first millennium.

7th Grade

#377710 Geography — 7th Grade (**1st semester**) (required)
The 7th grade World Geography course focuses on the study of spatial patterns of the human and physical dimensions of the world. Students will explore how these spatial patterns form, change over time, and relate to one another throughout various regions of the world. Students will examine the cultural, political, and economic developments, physical geography, and population distribution for both the Eastern and Western Hemispheres.

#378720 Arkansas History — 7th Grade (**2nd semester**) (required)
The second semester for Grade 7 Social Studies has a focus on Arkansas history. This semester in Arkansas history serves as an in-depth and rigorous study of civics/government, economics, geography, and history of the state. Students will also investigate how Rogers and Northwest Arkansas fit into the social, cultural, and geographic history of the state.

8th Grade

#388710 US History — 8th Grade (**full year**) (required)
The first semester for Grade 8 Social Studies has a focus on United States history from the 1801 expansion and reform to 1900s Industrial America. The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between events, recognize patterns of interactions, and understand the impact of events in the United States within an interconnected world. The history of the United States during the 19th century includes the integration of social, political, economic and geographic components. Students will also receive a review of the country's beginnings up through 1800.
OR
#388711 Pre-AP US History— 8th Grade (**full year**)
(Pre-requisite: Commitment by student to participate in learning the skills and strategies required to be successful in advanced placement courses.)
This course will cover the same content as the 8th grade social studies course but will introduce skills and strategies that students can use to enhance their critical thinking skills.

ESOL Programs

Newcomer Program — 6th - 8th Grades
This is an optional semi-contained program for students who have attended a U.S. school for less than two years. The focus is acquiring English Language Skills and acclimating students to the school and community.
Newcomer Acculturation
#971601 RAEL English
#971602 RAEL Reading
#971603 RAEL Math

#971604 EL Language Development
The focus of this course is developing proficiency in English through explicit language instruction and practice based on Student Proficiency.

#97160E EL English- see English pg. 1-3

#97160R EL Reading – see English pg. 1-3

SPECIAL EDUCATION

Special education is provided only for students who are eligible for services according to federal and state guidelines. Parent/teacher/counselor approval is required.

ENCORE CLASSES

REQUIRED

6th Grade

Mandatory WHEEL
- PE (1 semester)
- Health (6 weeks)
- Art (6 weeks)
- STEM 6: Explore PLTW (6 weeks)

7th Grade

Key Code (1 semester)*

Physical Wellness (1 semester)
OR
Athletic Wellness
(football, basketball, volleyball, cheer, pom, track, cross-country)

8th Grade

*Key Code (1 semester)
if not taken in 7th grade

Physical Wellness (1 semester)
OR
Athletic Wellness
(football, basketball, volleyball, cheer, pom, track, cross-country)

Career Development (1 semester)

ELECTIVES

6th Grade

All students must take a music class. Choose one:

Band

Choir

Orchestra

Exploratory WHEEL
- Music Appreciation (9 weeks)
- EXPLORE: Introduction to World Language (9 weeks)
- EXPLORE Course (9 weeks)
- EXPLORE Course (9 weeks)

7th Grade

Band

Choir

Orchestra

Art (1 semester)

Exploring Personal Finance (1 semester)

STEM 7: PLTW Design & Modeling /Flight & Space (1 semester)

8th Grade

Band

Choir

Orchestra

Art (1 semester)

Family CSI (Consumer Science Investigations) (1 semester)

PLTW Automation & Robotics (1 semester)

PLTW Medical Detectives (1 semester)

Exploring Business Applications (1 semester)

Broadcasting

Yearbook

Leadership WEB

World Languages (High School Credit)
- French I
- German I
- Spanish I
- Spanish for Native Speakers I

6th Grade

REQUIRED Mandatory Wheel (all students)

PE (**1 semester**), Health (**6 weeks**), Art (**6 weeks**), STEM 6 (**6 weeks**)

#366600 Physical Education (PE) — 6th Grade (required) (**1 semester**)
It is our goal for students to learn to value activity, fitness, and nutrition as keys to creating and maintaining a life-long healthy lifestyle.

#366850 Health — 6th Grade (required) (**6 weeks**)
Students will learn skills to help them prevent disease enhance their personal health and live a healthy life.

#366510 Art — 6th Grade (required) (**6 weeks**)
This course is designed to introduce students to the elements of art: line, color, shape, form, space and texture while developing creativity and imagination. Students work with a variety of materials in creative ways to capture art from life and imagination.

#366650 STEM 6: EXPLORE Project Lead the Way- 6th Grade (**6 weeks**)
EXPLORE PLTW will provide sixth grade students with a six-week introductory course that will include a core introduction unit and exploratory STEM activities. Students will be introduced to the PLTW design process, problem solving activities, and hands-on STEM learning experiences.

REQUIRED Music (all students must take a music class in 6th grade. If you do not take band, choir or orchestra, you must take the Exploratory Wheel.)

Choose one:

#366540 Band — 6th Grade (**full year**)
(Pre-requisite: Parents are required to provide an instrument.)
Beginning band students will be scheduled into similar instrument classes that meet every day. Students will learn to produce a characteristic sound, understand simple musical notation and terminology, and perform two concerts a year. Students will be expected to practice at home on a regular basis.

#366544 Percussion
#36654B Brass
#36654W Woodwind

OR

#366536 Choir — 6th Grade (**full year**)
This is a training choir open to all interested singers. Students focus on the fundamentals of singing technique, music theory, and concert etiquette. Through performance, the students are provided with practical application of what they have learned.

OR

#366546- Orchestra — 6th Grade (**full year**)
(Pre-requisite: Parents are required to provide an instrument.)
Students will learn the basic principles of the violin, viola, cello, or string bass. Students may be divided into classes with similar instruments. The instrument sections must be well balanced and will meet every day.

#36654H High Strings
#36654L Low Strings

OR

Exploratory Wheel (required for students not in full year music class)
Music Appreciation (**9 weeks**), EXPLORE: Introduction to World Languages (**9 weeks**) and two additional EXPLORE courses (**9 weeks each**).

REQUIRED #36690M Music Appreciation– 6th grade Exploratory Wheel (**9 weeks**)
This course explores aspects of music including exposure and interpretation of the meaning of artistic works. Students will synthesize and relate personal experience and artistic ideas with societal, cultural, and historical contexts to deepen understanding.

REQUIRED #36690W EXPLORE: Introduction to World Languages — 6th Grade Exploratory Wheel (**9 weeks**)
Students will look at world languages and learn some basic words in French, German, Spanish, and other languages as time allows. This course is meant to expose students to the various languages the district offers and allows students to make decisions based on their interests and abilities.

Schools will determine which two additional courses from the following list of approved EXPLORE courses will be offered within the wheel.

#36690L EXPLORE: Computer Literacy- 6th Grade Exploratory Wheel (**9 weeks**)
This course will introduce students to computer-based technology concepts, including computer hardware and software components. The course is designed to increase student understanding and proficiency of foundational keyboarding and word processing skills such as Microsoft Word, EXCEL and PowerPoint. Students will learn basic formatting skills and command features within each program.

#33690S EXPLORE: Construction, Machines and Motors- 6th Grade Exploratory Wheel (**9 weeks**)
This course will introduce students to foundational skills relating to design and construction of different types of structures, construction related math and literacy concepts, and proper use of hand and motorized tools. Students will also explore the history of manufacturing, assembly line processes and machines that are commonly used in various industries, as well as basic principles of motorized equipment and vehicles. The course will include project-based learning activities designed to provide students opportunities to complete "hands-on" projects.

#36690B EXPLORE: Careers in the Medical Field – 6th Grade Exploratory Wheel (**9 weeks**)
This course will provide students an opportunity to explore different types of careers within the medical and health services career fields and learn more about the job duties commonly associated with careers such as a doctor, nurse, surgeon, forensic scientist, physical therapist, dentist, orthodontist, sports/athletic trainer and many more. Students will have the opportunity to participate in "hands-on" learning experiences that integrate STEM concepts used within the medical fields.

#36690F EXPLORE: Food, Fitness & Finance- 6th Grade Exploratory Wheel (**9 weeks**)
This course will introduce students to foundational concepts presented in the Family & consumer Sciences program, including food safety, healthy choices, nutrition and the benefits of physical fitness. Students will learn skills relating to personal finances relating to budgets, different types of credit and currency options, opportunity costs, savings plan and calculating monthly expenses that align with wages and earnings.

#336690C EXPLORE: Introduction to Coding- 6th Grade Exploratory Wheel (**9 weeks**)
This course will provide opportunities for students to gain knowledge and skills related to computer science with an emphasis on basic coding skills including block-based and text-based coding, sequencing, basic programming principles and commands. Students will learn strategies for identifying and debugging coding sequences and programs that do not produce expected outcomes. The course will include project-based learning tasks and activities that allow students to apply and practice computers science and coding skills in a variety of engaging learning experiences.

#36690A EXPLORE: Introduction to Performing Arts- 6th Grade Exploratory Wheel (**9 weeks**)
This course will provide opportunities for students to learn about different types of performing arts through exploratory study of music, drama, film/theatre, dance, public performance, and artistic interpretation. Students will have the opportunity to participate in a variety of learning experiences and activities that highlight dance, film, theatre and drama and art.

#36690E EXPLORE: Introduction to Outdoor Education - 6th Grade Exploratory Wheel (**9 weeks**)
This course allows students to explore aspects of the great outdoors. It encourages students to develop greater self-confidence and acquire a sense of trust and commitment in their classmates. Outdoor education is designed to expose students to a variety of outdoor skills while teaching them valuable lessons such as team building and problem solving.

#36690H EXPLORE: Highly Effective Strategies of Teens - 6th Grade Exploratory Wheel (**9 weeks**)
This course is part of the Franklin Covey Education courses. The course is designed for all student populations. Highly Effective Habits of Teens helps develop the essential life skills and characteristics students need in order to thrive in the 21st century. It develops student leaders, teaches tools for positive leadership behavior, develops character, leadership, academic achievement and raises levels of accountability for students. The course develops habits that are essential to goal setting and planning needed to develop organizational skills. The course guides students through leadership life principles, self-control, making wise decisions, goal setting, relational skills, and setting aside time to "sharpen the saw."

#97090L Literacy Plus
Students may be placed in this course based on their performance on state and/or local assessments.

#97090M Math Plus
Students may be placed in this course based on their performance on state and/or local assessments.

7th Grade

REQUIRED Key Code (all students)

#399320 Key Code — 7th (required) (**1 semester**).
Key Code is a one-semester course designed to cover the state keyboarding and computer science coding block standards. Emphasis is placed on the following: understanding the importance of Career and Technical Student Organizations (CTSO), soft skill development, operation and management of classroom equipment, touch-typing method, simple document formatting, and the computer science-coding block. A minimum of 5 weeks shall be dedicated to students using keyboarding skills as they relate to formulating algorithms as well as create, analyze, test, and debug computer programs in order to solve real-world problems. A text based programming language is required to accomplish these tasks.

REQUIRED P.E. (all students)

#377810 Physical Wellness (PE) — 7th Grade (required) (**1 semester**)
It is our goal for students to learn to value activity, fitness, and nutrition as keys to creating and maintaining a life-long healthy lifestyle.
OR
Athletic Wellness
#37781F- Football/Wellness (full year)
#37781B- Basketball /Wellness (full year)
#37781V -Volleyball/Wellness (full year)
#37781C - Cheer/Wellness (full year)
#37781P - POM/Wellness (full year)
#37781S - Spirit (full year)
#37781T - Track/Wellness (half year)
#37781X - Cross Country (half year)

ELECTIVES (choose one full year course or two semester courses)

#377540 Band — 7th Grade (**full year**)
(Pre-requisites: 6th Grade Band or demonstrated skill level; Parents are required to provide an instrument.)
After completing 6th Grade band, students may be scheduled into similar instrument band classes that meet every day. Students will play 2 to 3 concerts each year and also participate in the Region Solo-Ensemble contest.

#377544 Percussion
#37754B Brass
#57754W Woodwind

#37753B Boys Choir or #37753G Girls Choir – 7th Grade (**full year**)
Students in the 7th Grade choir program meet for class/rehearsal every day and focus on learning new music, music vocabulary, theory, sight singing, and listening to different genres of music. Students perform 2-3 concerts each year and have the opportunity to participate in vocal competitions. 7th grade choir may be scheduled as a mixed chorus.

#377547 Orchestra — 7th Grade (**full year**)

(Pre-requisites: 6th Grade Orchestra or demonstrated skill level; Parents are required to provide an instrument.)

Students will continue learning the basic principles of the violin, viola, cello, or string bass. Students may be divided into classes with like instruments. The instrument sections must be well balanced and will meet every day. Students also have the opportunity to participate in solo & ensemble contests.

#37754H High Strings

#37754L Low Strings

#377510 7th Grade Art — 7th Grade (**1 semester**)

This course is an exploration of visual mediums including pencil, charcoal, pen and ink, pastels, watercolor and paper maché. Inspiration will be taken from world cultures and both historical and contemporary artists. Design will be studied through the use of elements of art and principles of design. Techniques will be practiced in all mediums. Idea development will be practiced through creative thinking practice and elaboration.

#377650 STEM 7: Project Lead the Way 7th/8th (**1 semester**)

9 weeks ***Design & Modeling*** - Students will apply the design process to solve problems and understand the influence of creativity and innovation in their lives. Using Autodesk design software, students create a virtual image of their designs and produce a portfolio to show case their innovative solutions.

9 weeks ***Flight and Space*** - The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil.

#399260 Exploring Personal Finance — 7th (**1 semester**)

This course is designed to introduce students to the knowledge and skills required for managing their personal and family financial resources. Students learn to manage resources through hands-on applications that are relevant to their lives. Projects will require students to use academic skills in language arts, math, social sciences, and science. Emphasis is given to the development of competencies related to values, needs, and wants, goals and decision-making, career exploration, understanding paychecks, spending plans, savings, electronic banking and credit, financial institutions, and checking accounts.

8th Grade

REQUIRED Career Development (all students)

#399280 Career Development — 8th Grade (required) (**1 semester**)
This foundation course uses hands-on activities and research to provide an opportunity for exploring the 16 career clusters. It is the point at which educational development begins with the establishment of individual career plans.

REQUIRED P.E. (all students)

#388810 Physical Wellness (PE) — 8th Grade (required) (**1 semester**)
It is our goal for students to learn to value activity, fitness, and nutrition as keys to creating and maintaining a life-long healthy lifestyle.
OR
Athletic Wellness
#38881F- Football/Wellness (full year)
#38881B- Basketball /Wellness (full year)
#38881V -Volleyball/Wellness (full year)
#38881C – Cheer/Wellness (full year)
#38881P – POM/Wellness (full year)
#38881T – Track/Wellness (half year)
#38881X – Cross Country (half year)

REQUIRED Key Code (any student who did not take it in 7th grade)

#399320 Key Code — 7th / 8th (required) (**1 semester**).
This course is designed to teach the state keyboarding and computer science coding block standards. Emphasis is place on the following: understanding the importance of Career and Technical Student Organizations (CTSO), soft skill development, operation and management of classroom equipment, touch-typing method, simple document formatting and the computer science-coding block. A minimum of 5 weeks shall be dedicated to students using keyboarding skills as they relate to formulating algorithms as well as create, analyze, test and debug computer programs in order to solve real-world problems. A text based programming language is required to accomplish these tasks.

ELECTIVES (choose two full year courses OR one full year and two semester courses OR four semester courses)

#38853B Boys Choir or #38853G Girls Choir – 8th Grade (**full year**)
This choir meets for class/rehearsal every day. Students deepen their focus on sight singing, vocabulary and theory. Students perform various concerts throughout the year and have the opportunity to participate in vocal competitions and festivals. 8th grade choir may be scheduled as a mixed chorus.

#388540 Band — 8th Grade (**full year**)
(Pre-requisites: 7th Grade Band or demonstrated skill level; Parents are required to provide an instrument.)
This band will meet each day in a full band setting and will play several concerts each year. Students will have the opportunity to participate in the Region Solo-Ensemble contest, as well as audition for the Junior All-region Band.

#388548 Orchestra — 8th Grade (**full year**)
(Pre-requisites: 7th Grade Orchestra or demonstrated skill level; Parents are required to provide an instrument.)
The 8th Grade string orchestra will have class/rehearsal every day. The orchestra will perform in several concerts each

year. In addition, students also have the opportunity to participate in solo and ensemble contests.

#388510 8th Grade Art — (**1 semester**)
This course is an exploration of visual mediums including pencil, charcoal, pen and ink, pastels, watercolor and paper maché. Inspiration will be taken from world cultures and both historical and contemporary artists. Design will be studied through the use of elements of art and principles of design. Techniques will be practiced in all mediums. Idea development will be practiced through creative thinking and elaboration.

#399080 Family CSI (Consumer Science Investigations) — 8th Grade (**1 semester**)
This is a course in which emphasis is placed on competencies related to Family, Career and Community Leaders of America: personal and family development, relationships, home environment, food and nutrition, wellness, resource management, responsible childcare, clothing and appearance, and career preparation.

#399040 Exploring Business Applications — 8th Grade (**1 semester**)
This is a one-semester course with emphasis given to computer concepts and operations, programming and design, computer software, and the implications of technology in society and ethics. This course is designed to provide students with an understanding of the fundamental uses for computer applications and technology in business and careers.

#38890Y MM Yearbook (**1 semester or full year**)
Students will help create the yearbook.

#38890X MM Broadcasting (**1 semester or full year**)
Students will demonstrate an understanding of the entire production process of entry-level creation and broadcast journalism.

#399110 Project Lead the Way (PLTW) Automation and Robotics - 8th Grade (**1 semester**)
Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics platform to design, build, and program real-world objects such as traffic lights, tollbooths, and robotic arms.

#399180 PLTW Medical Detectives - 8th Grade (**1 semester**)
Students play the role of a real-life medical detective as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene". They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

#388900 Leadership - 8th Grade (**1 semester** or **full year**)
Where Everyone Belongs **(WEB)**
The class will be an experience in active participatory leadership. Students will take on projects, chosen and assigned, that will teach the skills of leadership. In the process, this will offer students an opportunity to better serve their school and community and develop individual responsibility.

**** The following courses are for high school credit and will be counted in high school grade point average and quality point calculation.**

#441008 French I**— 8th Grade (**full year**)
This course is designed for students who wish to explore the French language and its cultures. Students will practice literacy skills including listening, speaking, reading, and writing. The culture of the French-speaking world is integrated into the curriculum through the four literacy skills. The course will be taught partially in French.

#442008 German I** — 8th Grade (**full year**)
In this course students will learn to speak and write German used in everyday situations. Students will develop the four language skills of speaking, listening, reading, and writing. Students will also gain information on the history, geography, and the way of life of German people. The course will be taught partially in German.

#440008 Spanish I **— 8th Grade (**full year**)
This course is designed for students who wish to explore the Spanish language and its cultures. Students will practice literacy skills including, listening, speaking, reading, and writing. The culture of the Spanish-speaking world is integrated into the curriculum through the four literacy skills. The course will be taught partially in Spanish.

#540108 Spanish for Native Speakers I **— 8th Grade (**full year**)
(Pre-requisites: Daily exposure to Spanish outside the school environment; conversational skills in Spanish; possible placement test). This course is specifically designed to meet the communicative needs of the Spanish heritage learner. Students will learn Spanish structure: phonetics, grammar, spelling, reading, and writing processes. In addition they will work to build a more extensive vocabulary. This class will be taught in Spanish and will prepare students to advance to the upper levels of native Spanish.