

# SYRACUSE



# SEAHAWKS

SYRACUSE JUNIOR HIGH SCHOOL

COURSE CATALOG

2023-2024

## HEALTHY LIFESTYLES

### Health Education

Semester – 1000

Grade: 8 – Required

Students will develop skills needed to improve their quality of life. They will study problem solving and coping skills; stages of growth and development and maturation; positive healthy lifestyles; high risk lifestyles; disease prevention; sex respect values; emergency procedures and first aid care.

### PE 7

Semester – 1020

Grade: 7

Students learn to develop positive attitudes regarding physical activity and healthy lifestyles. They will improve flexibility, strength, agility, balance, speed and endurance. They will develop skills in volleyball, basketball, soccer, flag football, and other team sports.

### PE 8

Semester – 1021

Grade: 8

Students learn to develop positive attitudes regarding physical activity and healthy lifestyles. They will improve flexibility, strength, agility, balance, speed and endurance. They will continue to develop skills in volleyball, basketball, soccer, flag football, and other team sports.

### PE 9

Semester – 1022

Grade: 9

Students will develop skills and techniques in a variety of sports, games and fitness activities with an emphasis on individual sports. Emphasis is also placed on leadership, courtesy, respect, sportsmanship, and physical fitness.

### Yoga

Semester – 1040

Grades: 8, 9

This course will introduce the basic postures, stretches, breathing techniques, and relaxation methods of yoga. Yoga seeks to improve mental health through activities such as meditation, progressive relaxation and other stress management activities.

### Fitness – Zumba/Dance

Semester – 1040

Grades: 7, 8, 9

\*Fee: \$10.00

This class utilizes fun exercise programs to increase fitness. Zumba uses easy steps and high energy Latin and international music. Other dance styles will be introduced.

### Weights/Aerobic Workouts

Semester – 1040

Grades: 7, 8, 9

\*Fee: \$10.00

These aerobic workouts will be introduced (circuit training, weights, and plyometrics).

## DANCE

### Polynesian Dance I

Semester – 1041

Grades: 7, 8, 9

\*Fee: \$10.00

The intent of this course is to give students awareness and reverence for the physical body and its athletic, and expressive capabilities. Students will experience these elements through the study of Polynesian styles of dance (Hawaiian, Tongan, Samoan, Tahitian and Maori).

### Polynesian Dance II

Semester – 1041

Grades: 8, 9

\*Fee: \$10.00

Prerequisite: Styles of Dance from 2021-22 or Polynesian Dance I

The intent of this course is to give more in-depth awareness and reverence for the physical body and its athletic and expressive capabilities. Students will experience these elements through the study of advanced Polynesian styles of dance (Hawaiian, Tongan, Samoan, Tahitian and Maori). This course is to give students awareness and reverence for the physical body and its athletic, and expressive capabilities. Students will experience these elements through the study of Polynesian styles of dance (Hawaiian, Tongan, Samoan, Tahitian and Maori).

## FINE ARTS

### FINE ARTS VISUAL

#### Art Foundations 1

Semester – 2101

Grades: 7, 8, 9

\*Lab Fee: \$10.00

This class is designed as an introduction to the Visual Arts with an emphasis on the different methods of drawing. Other topics include shading, color theory, and art history. This class is a prerequisite to the next level of art classes at the junior high level. **Students must pass Art Foundations 1 for “successful completion,” allowing advancement to the next-level art classes.**

### 2D Art

Semester – 2102

Grade: 8

\*Lab Fee: \$15.00

Prerequisite: Successful completion of Art Foundations 1

This class continues the development of skills and concepts introduced in Art Foundations 1. The different drawing methods will continue to be emphasized (freehand, mechanical, grids, imagination, and still-life), with an introduction to painting, including watercolor and acrylics.

### 3D Art

Semester – 2104

Grade: 8

\*Lab Fee: \$15.00

Prerequisite: Successful completion of Art Foundations 1

This class introduces the skills and craftsmanship of creating three-dimensional works of art. We use recycled material to create many of our projects. The primary focus of this class will be to encourage students to use problem solving skills and see the possibilities for creating works of art other than using paper and pencil.

### Art Foundations 2

Semester – 2105

Grade: 9

\*Lab Fee: \$15.00

Prerequisite: Successful completion of Art Foundations 1

This class continues the development of skills and concepts introduced in Art Foundations 1. The different drawing methods will continue to be emphasized (freehand, mechanical, grids, imagination, and still-life), with an introduction to painting, including watercolor and acrylics.

### Painting/Printmaking (ADV Art Found 2)

Semester – 2106

Grade: 9

\*Lab Fee: \$20.00

Prerequisite: Successful completion of Art Foundations 1 AND 2D Art

This class is an introduction to painting with watercolors and acrylics and beginning skills in printmaking. Painting includes wet media with the process such as transparent and opaque painting with some focus on color. The printmaking part of this class teaches how to make fine art prints using the studio process of relief, etching, stencil and mono printing. This course encourages students to create and learn about composition and the steps to completing a work of fine art.

\*Subject to change according to DSD Fee Schedule

### Ceramics

Semester – 2112

**Grade: 9****\*Lab Fee: \$25.00****Prerequisite: Successful completion of Art Foundations 2 OR 2D Art OR 3D Art**

This class is an introduction to basic ceramic art. This studio course teaches students how to build pottery using the pinch, slab, and coil techniques. All ware will be kiln-fired and glazed. This course will challenge student's imaginations as well as their ability to create functioning and aesthetically pleasing works.

**3D Design****Semester – 2118****Grade: 9****\*Lab Fee: \$15.00****Prerequisite: Successful completion of Art Foundations 1**

This class introduces the skills and craftsmanship of creating three-dimensional works of art. We use recycled material to create many of our projects. The primary focus of this class will be to encourage students to use problem solving skills and see the possibilities for creating works of art other than using paper and pencil.

**Commercial Art 1****Semester – 2123****Grade: 9****\*Lab Fee: \$15.00****Prerequisite: Successful completion of Art Foundations 2 OR 2D Art**

This class is designed for those who are interested and enthusiastic about art, including those who are considering a career in the Visual Arts. Projects will be given in the areas of drawing, painting, and illustration with the purpose of developing skills for use in a career in art. Students will be able to use pencil, colored pencil, ink, drawing, colored chalk and pastels, watercolor, acrylic, and oil paint.

**FINE ARTS PERFORMING****Music Exploration****Semester – 2316****Grade: 7****\*Lab fee: \$3.00**

An introduction to music, including history, vocabulary, musical styles from around the world, and basic notation/music literacy. We will sing every day, and play instruments (recorders), but only in a limited way-this is not a performing group.

**BAND****Beginning Band -- Brass****Full Year – 2204****Grades: 7, 8, 9**

This fun class provides beginning instruction on trumpet, French horn, trombone, baritone, and tuba. No experience needed. Beginning Band performs at 2 concerts per year, plus a field trip performance at a neighboring junior high. Students provide their own instrument and music book; some instruments are available for rental from the district (\$95/year); please reserve an instrument with Mr. Poulter before paying. 125 minutes of home practice is required each week. Additional information will be sent to those who register.

**Beginning Band – Woodwinds****Full Year – 2205****Grades: 7, 8, 9**

This fun class provides beginning instruction on flute, oboe, bassoon, and clarinet. (Students in this class may audition to learn saxophone or bass clarinet during second semester). No experience is required. Beginning Band performs at 2 concerts per year, plus a field trip performance at a neighboring junior high. Students provide their own instrument and music book; some instruments are available for rental from the district (\$95/year); please reserve an instrument with Mr. Poulter before paying. 125 minutes of home practice is required each week. Additional information will be sent to those who register.

**Beginning Band – Percussion****Full Year – 2206****Grade: 7****\*Fee: \$65 Instrument Use**

This fun class provides beginning instruction on percussion instruments, including bells, snare drum, and timpani. Beginning Band performs at 2 concerts per year, plus a field trip performance at a neighboring junior high. Percussion class is challenging and usually works best for students who have piano experience (2+ years is recommended). Class size is limited, and preference is given to students who complete a percussion pretest and return registration materials promptly. Students provide their own percussion kit, and book and pay a \$65 District Instrument use fee to use school percussion instruments. 150 minutes of home practice is required each week. Additional information will be sent to those who register.

**Band Level 2 – Concert****Full Year – 2210****Grades: 8, 9****Eligibility: Teacher Recommendation**

Intermediate instruction on band instruments, including saxophone, with emphasis on independent musicianship and music theory. This band performs at 2 school concerts, a field trip to local elementary schools, and at district festival.

**Band Level 2 – Percussion****Full Year – 2213****Grades: 8, 9****Eligibility: Teacher Recommendation \*Fee:****\$95 Instrument Use**

All percussionists who have successfully completed the Beginning Band/Percussion class should register for this course. Continuing instruction on drums, mallets, timpani, auxiliary percussion, drum set, and percussion ensemble music. Students pay a \$95 district use fee to use school instruments. Joining with Concert Band, these students perform at 2 school concerts, a field trip to local elementary schools, and at district festival.

**Band Level 3 – Symphonic****Full Year – 2220****Grades: 8, 9****Eligibility: Teacher Recommendation**

Advanced instruction on band instruments with emphasis on interdependent musicianship and composition. This course satisfies Fine Arts requirements for high school graduation. This band performs at school concerts and assemblies, a field trip to local elementary schools, and at district and state festivals. This band composes the soundtrack for a silent film.

**Band Level 3 – Percussion****Full Year – 2224****Grade: 9****Audition Only****Prerequisite: By Audition****\*Fee: \$95 Instrument Use**

All percussionists who have successfully completed the Intermediate Band/ Percussion class should register for this course. Continuing instruction on drums, mallets, timpani, auxiliary percussion, Latin percussion, drum set and percussion ensemble music. Students pay a \$95 district use fee to use school instruments. Joining with Symphonic Band, these students perform at school concerts and assemblies, a field trip to local elementary schools, and at district and state festivals. They help compose the soundtrack for a silent film.

**\*Subject to change according to DSD Fee Schedule**

### **Band Level 3 – Jazz**

**Full Year – 2225**

**Grades: 8, 9**

**Prerequisite: By Audition Only**

Focused, accelerated instruction in jazz styles and improvisation. Open by audition only to students playing saxophone (doubling clarinet or flute), trombone, trumpet, bass, piano, and percussion. Guitarists are sometimes added but must play and read music at an intermediate level. Students must be concurrently enrolled in another large music ensemble, preferably Symphonic Band (for bass players, Orchestra is the preferred concurrent class). Jazz Band meets daily at 7:00 am and is a “for-credit” class with an Honors approach. Students learn to compose & improvise music! This band performs at school concerts and assemblies, in the community, and at district and state festivals.

## **CHOIR**

### **Choir 1 – Men’s Choir (Tenor/Bass)**

**Semester – 2305**

**Grades: 7, 8, 9 (Boys)**

Focusing on beginning basics for music literacy and singing techniques, men’s choir is a great way to get started in the Syracuse Jr. High music program. Students will learn proper performance posture, rhythmic and melodic literacy, intonation, sight-reading basics, and technical vocal phonation. Students will participate in singing a variety of choral music every class day. This is a great class for students of any grade to start building their musical vocabulary and understanding.

### **Choir 1 – Women’s Choir (Soprano/Alto)**

**Semester – 2304 (Girls)**

**Grades: 7, 8, 9**

Focusing on beginning basics for music literacy and singing techniques, women’s choir is a great way to get started in the Syracuse Jr. High music program. Students will learn proper performance posture, rhythmic and melodic literacy, intonation, sight-reading basics, and technical vocal phonation. Students will participate in singing a variety of choral music every class day. This is a great class for students of any grade to start building their musical vocabulary and understanding.

### **Choir 2 – Singers**

**Semester or Full Year – 2307**

**Grades: 8, 9**

**Prerequisite: Choir Level 1 OR choir teacher approval**

Students will focus on musicianship and performance techniques. Students will build on skills developed in Choir Level 1, exploring more complex music ideas such as scales, triads, and arpeggios. Students will participate in singing a variety of choral music every class day. This course can be taken for a full year or one semester.

### **Choir 3 – Belle Voix**

**Full Year – 2310**

**Grades: 8, 9 (Girls)**

**Audition Only**

As an elite group of women, Belle Voix will perform to the highest standard in choral music. Students will not only sing every class period, but will also continue their education in music literacy, history, and sight-reading skills. They will learn advanced vocal skills to prepare them to compete in Solo/Ensemble Festival in the spring. Students will be responsible for purchasing a choir uniform at the beginning of the school year.

### **Choir 3 – Concert Choir**

**Full Year – 2310**

**Grades: 8, 9**

**Audition Only**

As a mixed choir of men and women, students in this course will perform to the highest standard in choral music. Students will not only sing every class period, but will also continue their education in music literacy, history, and sight-reading skills. They will learn advanced vocal skills to prepare them to compete in Solo/Ensemble Festival, as well as District Choir Festival in the spring. Students will be responsible for purchasing a choir uniform at the beginning of the school year.

## **ORCHESTRA**

### **Orchestra 1**

**Full Year – 2405**

**Grades: 7, 8, 9**

This class is a continuation of material learned in 6th grade beginning orchestra (includes violin, viola, cello, and bass). Exceptions may be arranged with the teacher on an individual basis if the student did not participate in elementary orchestra. Students provide their own instrument and Essential Elements Book 2. A few cellos and basses are available for rent from the district on a first come first serve basis. This orchestra class performs three times throughout the school year.

### **Orchestra 2A**

**Full Year – 2407**

**Grade: 7, 8, 9**

**Prerequisite: Orchestra 1, or two-years playing experience**

This class emphasizes rhythm, intonation, and broadening technique for the intermediate violin, viola, cello, or string bass student. At least two years of previous orchestra experience is encouraged. Students provide their own instrument and Essential Technique Book 3. A few cellos and basses are available for rent from the district on a first come first serve basis. This orchestra performs at school concerts, assemblies, and in district/state festivals

### **Orchestra 2B**

**Full Year – 2408**

**Grade: 7, 8, 9**

**Prerequisite: Orchestra 2, or three-years playing experience**

This advanced class is for students that have had at least three years of orchestral playing experience. Independent musicianship, music theory, vocabulary, posture, and personal growth are emphasized in preparation for high school orchestra. Students provide their own instrument and Essential Technique Book 3. A few cellos and basses are available for rent from the district on a first come first serve basis. This orchestra performs at school concerts, assemblies, and in district/state festivals.

## **THEATRE**

### **Theatre 1**

**Semester – 2502**

**Grades: 7, 8, 9**

This course will introduce skills in performance and the study of drama. Students will also read, view, and analyze theatrical works. Each student MUST perform throughout the semester. Topics include movement, voice, script writing, script analysis, characterization, rehearsal etiquette, and basic acting skills. This is an introductory acting course.

**\*Subject to change according to DSD Fee Scheduled**

### **Theatre 2**

**Semester – 2503**

**Grades: 8, 9**

**Prerequisite: Theatre 1**

This course will continue to introduce skills in performance and the study of drama by expanding upon skills learned in Theatre 1. Students will also read, view, and analyze theatrical works. Topics include movement, script writing, dramatic structure and elements, theatre history, Shakespeare and classical acting, script analysis, one-act plays, and improvisation. There is not an outside class performance, but students may produce a one-act play at the end of the semester. All work is done in class, so attendance is critical.

**Musical Theatre**

**Semester – 2508**

**Grades: 8, 9**

**Prerequisite: Theatre 1 OR Any Choir Course**

**\*Fee: \$30.00**

This class is designed to orient the student in all aspects of theatre production with an emphasis on performance. Students will learn the skills of performance as well as production. This class will produce and perform in a school musical outside of class time. Students will be required to audition for roles as part of the class. These auditions will happen *before* the class starts. **Rehearsals will also be held outside of class, and the student will be required to attend.**

**Stage Craft**

**Semester – 2514**

**Grades: 8, 9**

This class will offer classroom instruction, as well as hands-on experience, in all aspects of theatre production. Students will learn the basics of set design and construction, costume design and construction, stage lighting, and sound. Students will also have some responsibility for proper maintenance of all backstage work and storage spaces. These students *may* be asked to assist with school plays, musicals, assemblies, and other programs.

## WORLD LANGUAGES

**Spanish 1**

**Full Year – 3110**

**Grades: 7, 8, 9**

This rigorous introductory course in Spanish emphasizes listening, reading, speaking, and writing. Students will learn how to communicate basic information in Spanish. Hispanic culture is also taught. Students must achieve a novice-mid proficiency level to continue to level 2. It is strongly recommended that students are at grade level in English Language Arts reading and writing.

**Spanish 2**

**Full Year – 3120**

**Grades: 8, 9**

**Prerequisite: Spanish 1**

This course gives students the opportunity to magnify their communication skills in Spanish. Reading outside of class is required. Continued emphasis will be given to listening, reading, speaking, and writing. Students will also be exposed to more Hispanic culture. Students must achieve a novice-high proficiency level to continue to level 3.

**Spanish 3**

**Full Year – 3182**

**Grade: 9 or Heritage Speakers**

**Prerequisite: Spanish 2**

This course is an opportunity for students to increase their confidence in communicating information and expressing ideas in Spanish. Students will also broaden their understanding of grammar concepts and culture. Continued emphasis will be given to listening, reading, speaking, and writing. Reading, speaking and listening practice outside of class time is required. Students must achieve an intermediate-low proficiency level to continue to level 4.

**Spanish 3 DLI Honors**

**Full Year – 3132**

**Grade: 7**

**Prerequisite: 6<sup>th</sup> Grade Spanish DLI and heritage speakers**

This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections. Students must achieve an intermediate-mid proficiency level.

**Spanish 4 DLI Honors**

**Full Year – 3142**

**Grade: 8**

**Prerequisite: Spanish 3 DLI Honors and heritage speakers**

This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections. Students must achieve an intermediate-high proficiency level.

**Spanish 5 DLI Honors**

**Full Year – 3152**

**Grade: 9**

**Prerequisite: Spanish 4 DLI Honors and heritage speakers**

This course not only continues the development of speaking, listening, reading,

and writing skills but also culture, history, and geography of Spanish speaking countries are taught through reading selections. It leads to the Spanish AP Language & Culture Course and test.

**DLI Spanish Culture & Media**

**Semester – 3135**

**Grades: 7, 8**

**Prerequisite: Spanish DLI students only**

The Culture & Media course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers. Students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspectives of countries. The topics and tasks for the 7th and 8th grade years, along with careful support for students to reach proficiency targets, lead intentionally to the Spanish AP Language & Culture course content.

**Chinese 1**

**Full Year – 3310**

**Grades: 7, 8, 9**

This is an introductory course in Chinese emphasizing listening comprehension, reading and writing in pinyin, and speaking. Students will learn how to communicate basic information in Chinese. Chinese culture is also taught.

**Chinese 2**

**Full Year – 3320**

**Grades: 8, 9**

**Prerequisite: Chinese 1**

This course gives students the opportunity to magnify their communication skills in Chinese by reviewing past material and adding new vocabulary. Students will also be exposed to more Chinese culture. It emphasizes listening comprehension, speaking complete sentences, and reading and writing in pinyin.

**Chinese 3**

**Full Year – 3330**

**Grade: 9**

**Prerequisite: Chinese 2**

This course gives students the opportunity to magnify their communication skills in Chinese by reviewing past material and adding new vocabulary.

Students will also be exposed to more Chinese culture. It emphasizes listening comprehension, speaking complete sentences, reading Chinese characters, and writing stories in pinyin.

**\*Subject to change according to DSD Fee Schedule**

**Chinese 3 DLI Honors**

**Full Year – 3332**

**Grade: 7****Prerequisite: Immersion Students and/or a score of 11 on AAPPL test.**

This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.

**Chinese 4 DLI Honors****Full Year – 3342****Grade: 8****Prerequisite: Chinese 3 DLI Honors**

This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.

**Chinese 5 DLI Honors****Full Year – 3352****Grade: 9****Prerequisite: Chinese 4 DLI Honors**

This course not only continues the development of speaking, listening, reading, and writing skills but also culture, history and geography of the native country are taught through reading selections. It leads to the Chinese AP Language & Culture Course and test.

**DLI Chinese Culture & Media****Semester – 3335****Grades: 7, 8, 9****Prerequisite: Chinese DLI students only**

The Culture & Media course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers. Students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspectives of countries. The topics and tasks for the 7th and 8th grade years, along with careful support for students to reach proficiency targets, lead intentionally to the Chinese AP Language & Culture course content.

## LANGUAGE ARTS

**English 7****Full Year – 4000****Grade: 7**

The main emphasis is on reading and writing, both nonfiction and fiction. The class also includes grammar, spelling, plays, and public speaking. Students read short stories, biographies, and novels in class and out of class.

**English 7 Honors****Full Year – 4005****Grade: 7**

Honors courses are designed for college prep or pre-AP classes students may take during their high school years. The main emphasis is on reading and writing, both nonfiction and fiction. The class also includes grammar, spelling, plays, and public speaking. Students in an honors course can expect increased reading and more complex texts, less review and practice, and a higher work completion expectation.

**English 8****Full Year – 4030****Grade: 8**

This class continues to build skills in reading, writing, speaking and listening. Students work with various types of literature including short stories, plays, and novels. They learn sentence and paragraph development, including grammar, spelling, capitalization and punctuation. Students also learn the composing process of prewriting, drafting, revising and editing.

**English 8 Honors****Full Year – 4035****Grade: 8**

Honors courses are designed for college prep or pre-AP classes students may take during their high school years. The main emphasis is on reading and writing, both nonfiction and fiction. This course continues to build skills in reading, writing, speaking, listening, and the analysis of various types of literature while reviewing the basics of sentence and paragraph development. Students in an honors course can expect increased reading and more complex texts, less review and practice, and a higher work completion expectation.

**English 9****Full Year – 4055****Grade: 9**

This class continues the development of skills in reading, writing, speaking, vocabulary, and listening. Students study a variety of literature, including Shakespeare and Homer. There will be much reading expected both in and outside of class. Many standards will be graded on the level of understanding shown in project-based assessments.

**English 9 Honors****Full Year – 4060****Grade: 9**

The main emphasis is on reading and writing, both nonfiction and fiction. This course continues the development of skills in reading, writing, speaking, and listening. Writing is emphasized while improving vocabulary and

research skills. Many standards will be graded on the level of understanding shown in project-based assessments. Students in an honors course can expect increased reading and more complex texts, less review and practice, and a higher work completion expectation

## SOCIAL STUDIES

**Utah Studies****Semester – 4500****Grade: 7**

The introductory course for social studies in Davis School District. Curricular content consists of key themes and concepts drawn from the social sciences of geography, history, economics, and government. Each of the concepts is explored using Utah-specific examples. Literacy, historical thinking, and spatial skills are developed through the study of the concepts in the abstract and real-world Utah examples. The course focuses on the reading of both informational text and authentic, or primary source, material.

**Utah Studies Honors****Semester – 4504****Grade: 7**

The introductory course for social studies in Davis School District. Curricular content consists of key themes and concepts drawn from the social sciences of geography, history, economics, and government. Each of the concepts is explored using Utah-specific examples. Literacy, historical thinking, and spatial skills are developed through the study of the concepts in the abstract and real-world Utah examples. The course focuses on the reading of both informational text and authentic, or primary source, material. National and global context are additional levels of application of the coursework. Current events are studied as well.

**\*Subject to change according to DSD Fee Schedule**

**US History****Full Year – 4510****Grade: 8**

United States History covers events and issues from the Age of Exploration through Reconstruction and the Western movement, emphasizing the 18th and 19th centuries. Topics covered will include, but are not limited to: exploration, colonization, Revolutionary War, constitutional issues, nation building, Civil War, Reconstruction, and western movement. Emphasis of this course is on the 18th and 19th centuries.

### **US History Honors**

**Full Year – 4514**

**Grade: 8**

United States History covers events and issues from the Age of Exploration through Reconstruction and the Western movement, emphasizing the 18th and 19th centuries. Topics covered will include exploration, colonization, Revolutionary War, constitutional issues, nation building, Civil War, Reconstruction, and western movement. Emphasis of this course is on the 18th and 19th centuries. Viewing historical documents, writing document-based questions (DBQ), current event exploration and presentation, and projects are part of the Honors experience.

### **World Geography 1**

**Semester – 4520**

**Grade: 9**

World Geography will explore how to use geography as a tool to better understand the world in which we live. Students will learn to evaluate and question the why and where of spatial perceptions that are read, seen, and heard. Students will understand the world in spatial terms, the human and physical characteristics of places and regions, and how physical processes shape the earth's surface. Students will also understand how human activities shape the earth's surface, the interaction of physical and human systems, and will use geographic knowledge to connect to today's world. The course will include map skills with physical and human geography essentials, beginning with North America, South America, Europe, and their connections to other world regions.

### **World Geography Honors**

**Year – 4524**

**Grade: 9**

This course covers all the material taught in World Geography but adds emphasis to developing writing skills and higher levels of thinking. In-depth research, study, and problem solving regarding different regions of the world will be addressed and analyzed.

**\*World Geography 2 is HIGHLY RECOMMENDED for students seeking scholarship opportunities.**

### **AP Human Geography**

**Full Year – 4590**

**Grade: 9**

### **AP Test Fee: Approx. \$96.00 (fee set by AP College Board)**

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The aim of the AP course is to provide students with a learning experience equivalent to that obtained in most college-level introductory human geography courses. Students prepare to take the AP Human Geography test in May, potentially earning college credit.

## **MATH**

### **7th Grade Math**

**Full Year – 5000**

**Grade: 7**

Math 7 will provide students with an engaging and diverse experience in learning math. This class will build upon previous concepts and teach new ones including solving expressions and equations, probabilities, inequalities, ratios and proportions, geometry, and number sense. These concepts will be applied to real life situations so students can understand the importance of them. Students will also sharpen critical thinking and logic skills.

### **7th Grade Math Honors**

**Full Year – 5005**

**Grade: 7**

Math 7 Honors will provide students with an engaging and diverse experience in learning math. This class will cover what the Math 7 class covers but will delve deeper into each concept. Students will experience more exploration into how math affects every part of our lives. Students must be willing to put in the effort it takes to do this.

### **7th/8th Grade Math Honors Accelerated**

**Full Year – 5105**

**Prerequisite: Students must meet district qualifications through a portfolio or COGAT test.**

This class will cover 8<sup>th</sup> grade material at an accelerated pace but at the same rigor as the full year classes. This course is for high ability students that want advanced mathematics courses in high school.

### **8th Grade Math**

**Full Year – 5100**

### **Grade: 8**

The course of instruction will focus on the following areas: Identify slope and use that to write linear equations; identify functions as linear and nonlinear and write equations for linear functions; simplify expressions and solve equations using various methods; solve operations with rational numbers, irrational numbers and radicals; simplify radicals with emphasis on square roots; apply the Pythagorean Theorem and its converse in real-world applications.

### **8th Grade Math Honors**

**Full Year – 5105**

**Grade: 8**

The course will cover the three critical areas listed in 8<sup>th</sup> Grade Mathematics Course and add extra topics and concepts that would interest an advanced middle school student. Concepts will be explored in greater depth with increased use of contextual situations. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

### **Secondary Math 1**

**Full Year – 5200**

**Grade: 9**

This is the first of three courses you will take throughout your high school career. It is a mixture of geometry, algebra, probability, and statistics where we will focus on developing a solid understanding of functions, compare and contrast between linear and exponential relationships, explore different geometric concepts and master the solution of linear equations while delving into solving systems of equations and inequalities. Math is a unique subject because it builds upon itself. This class is the basics, and we will work hard to create a solid foundation while filling in gaps as needed. We will practice and work on real-life projects to truly develop an understanding of these mathematical concepts.

### **Secondary Math 1 Honors**

**Full Year – 5205**

**Grade: 8, 9**

The course will cover all the concepts in the Secondary Mathematics 1 course. Concepts will be explored in greater depth with increased use of contextual situations. In addition, it will include concepts dealing with vectors and quantities of vectors and matrix operations and their applications. This course will include elements that will prepare students to take calculus in high school. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

**\*Subject to change according to DSD Fee Schedule**

### **Secondary Math 2 Honors**

**Full Year – 5305**

**Grade: 9**

Students must have taken Secondary Math I or Secondary Math I Honors previously to enroll in Secondary Math II Honors. This course prepares students to eventually take AP Calculus and/or AP Statistics, and very likely earn college math credit, before graduating from high school. Students will gain a strong foundation in geometry, trigonometry and second year algebra as well as some work with statistics. This is a college prep level course that will teach students critical thinking skills, and strong work ethic, while preparing them for Secondary III Honors and college entrance exams. Students will need a graphing calculator for this course. We suggest the TI 84 + edition.

## **SCIENCE**

### **Integrated Science 7**

**Full Year – 6000**

**Grade: 7**

**\*Lab Fee: \$10.00**

Science 7 is an *integrated* course, meaning that the standards taught will cover several different topics within the realm of science. The main topics in seventh grade science are forces and motion, Earth's geologic history and processes, the structure and the function of living things, the genetic inheritance of traits, and the evolution of species over time. We will also focus on science skills known as the "Science and Engineering Practices" which include analyzing data, conducting investigations, developing models, using mathematical thinking, asking testable questions, obtaining and communicating information, and engaging in argument from evidence. The overall 'big ideas' of science can apply to all aspects of school and life. These are taught as the "Cross-Cutting Concepts" and include cause & effect, patterns, stability & change, scale & proportion, systems, matter & energy, and structure and function.

### **Integrated Science 7 Honors**

**Full Year – 6001**

**Grade: 7**

**\*Lab Fee: \$10.00**

Uses the Integrated Science 7 standards.

Students will work at an accelerated pace, with more in-depth information, to further develop science as a process of obtaining knowledge and analyzing outcomes based on observable evidence. Students will develop the ability to formulate hypotheses, design and carry out strategies to test them, and evaluate results. This course is designed to prepare students for advanced high school courses.

### **Integrated Science 8**

**Full Year – 6100**

**Grade: 8**

**\*Lab Fee: \$10.00**

Eighth grade standards describe the constant interaction of matter and energy in nature. Students will explore how matter is arranged into either simple or complex substances. The strands emphasize how substances store and transfer energy, which can cause them to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans. Matter and energy cycle and change in ecosystems through processes that occur during photosynthesis and cellular respiration. Additionally, substances that provide a benefit to organisms, including humans, are unevenly distributed on Earth due to geologic and atmospheric systems. Some resources form quickly, allowing them to be renewable, while other resources are nonrenewable. Evidence reveals that Earth systems change and affect ecosystems and organisms in positive and negative ways.

### **Integrated Science 8 Honors**

**Full Year – 6101**

**Grade: 8**

**\*Lab Fee: \$10.00**

Uses the Integrated Science 8 standards. Students will work at an accelerated pace, with more in-depth information, to review the process of obtaining knowledge and analyzing outcomes based on observable evidence. Students will gain awareness of the increasingly international context of scientific activity, its impact and limitations as well as the constant evolution of scientific knowledge and understanding. This course is designed to prepare students for advanced high school courses.

### **Biology**

**Full Year – 6200**

**Grade: 9**

**\*Lab Fee: \$15.00**

This is a full year rigorous course designed for students to learn about, examine, and investigate life processes that occur on the Earth. These investigations will include organisms that are microscopic and multi-cellular, living and dead. This course will be rigorous in nature and pace. Before electing to

take this course, students should consider their individual abilities to work at a fast pace and comprehend in depth processes and discussions of biological life

### **Earth Science**

**Full Year – 6300**

**Grade: 9**

**\*Lab Fee: \$10.00**

This class meets the general science requirements for ninth grade and counts for high school graduation. This course is a grand overview of the many systems that interact on our unique and amazing planet, Earth. The main topics covered in the course are the origin of the universe and our Sun (Astronomy), the formation and internal structure of our planet (Geology), and the interaction of the atmosphere (Meteorology), hydrosphere (Oceanography), and biosphere (Ecology). This course builds upon student's experience with integrated science seven and eight and is the springboard to success in higher level high school science offerings. Along with gaining a broad understanding of the systems at work on our planet, two main goals of this course are: 1.) Students will practice the skills of *using* science as a process for obtaining knowledge based on observation and evidence, and 2.) Students' curiosity will be sustained as they are shown the many ways that earth science is relevant and impacts our society and daily life.

### **Earth Science Honors**

**Full Year – 6301**

**Grade: 9**

**\*Lab Fee: \$10.00**

This is a course that explores Earth, space, geological change, the interaction of atmosphere, hydrosphere, and biosphere through the lenses of Science and Engineering Practices and Cross-Cutting Concepts. This course builds upon students' experience with integrated science in grades seven and eight and is the springboard for success in both Honors and Advanced Placement high school courses of biology, chemistry, geology, and physics.

**\*Subject to change according to DSD Fee Schedule**



## CAREER & TECHNICAL EDUCATION (CTE)

### College and Career Awareness (CCA)

Full Year - 7050

Grade: 7 – Required

\*Class Fee: \$12.00

College and Career Awareness (CCA) offers exploration and preparation in college and career pathways focusing on jobs that are high skill and high demand, as well as satisfying and financially rewarding. The College and Career Awareness (CCA) course is designed to help students identify their interests, abilities, and skills. Through application-based lessons, students will utilize technology, develop foundational skills, and explore careers. The course provides information regarding additional courses and training related to each student's career field of interest to help align their future class choices.

### Digital Literacy

Semester – 7537

Grade: 8 – Required

\*Fee: \$7.50

This course is a foundation to the digital world that provides a broad understanding of key applications, computing fundamentals, and living online. Students will have opportunities to use technology and develop skills that promote creativity, critical thinking, productivity, and collaboration in the classroom and day-to-day life. This course is aligned with international and national standards. The alignment of these benchmarks will ensure that students complete this course as a prerequisite to transition successfully to the 9-12<sup>th</sup> grade digital studies courses.

### FCS Exploration

Semester – 7403

Grade: 8

\*Lab Fee: \$10.00

This course provides students the opportunity to develop essential skills in various career pathways related to Family and Consumer Sciences (FCS). Students will explore and cultivate skills in the areas of food and nutrition, childcare, interior design, sewing construction, entrepreneurship, family relationships, personal responsibility, and career and job-related tasks. A variety of hands-on projects will be incorporated into each area.

### Child Development

Semester – 7410

Grade: 9

\*Lab Fee: \$5.00

This course is designed to help students understand the normal growth and development of children from infancy to preschool age. Topics taught include parenting, heredity, birth defects, human reproduction, pregnancy, health and safety, and guidance techniques. Students will have the opportunity to experience hands-on parenting using a computerized Real Care Baby.

### Sports Outdoor Sewing 1

Semester – 7430

Grade: 9

\*Lab Fee: \$10.00.

Students are also responsible to pay for consumable materials

This course introduces students to basic sewing, design, and construction skills. These skills prepare students for fashion, and appeal industry as well as entrepreneurial opportunities. Students will sew apparel and accessory projects. It is recommended that students have previous sewing experience.

### Interior Design

Semester – 7445

Grade: 9

\*Lab Fee: \$10.00

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics taught include floor plan evaluation, furniture arrangement, kitchen design, color schemes, and careers. Students will apply what they learn through a variety of individual projects.

### Food and Nutrition

Semester – 7460

Grade: 9

\*Lab Fee: \$15.00

This course will focus on culinary and nutrition science. Students will study the course used to obtain a UTAH FOOD HANDLERS PERMIT. Students will also gain skills and understanding of culinary technology, food preparation and dietary knowledge for a healthy lifestyle. Laboratory experiences will focus on the science behind food preparation as we learn about dishes such as, Fettuccini Alfredo, quick breads, stir-fry, and Ice Cream Cake Roll.

### Word Processing

Semester – 7575

Grade: 7

In Word Processing, the student will master touch operation of the computer keyboard. Correct finger positioning, by touch on the keyboard, and good technique will receive primary emphasis. The student will also learn simple word processing skills such as formatting simple documents in Microsoft Word. Each student will strive to get 35 WPM with 97% accuracy on a 2-minute timing as a minimum goal for the semester. Keyboard covers will be used throughout the semester. This is a good prerequisite for the required eighth grade Digital Literacy course.

### Creative Coding

Semester – 7743

Grades: 7, 8

This course is designed to attract and reach a broad and diverse range of students, including those who may not have never considered programming. Students learn how to code by working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

### Exploring Computer Science

Semester – 7760

Grade: 9

\*Fee: \$10.00

Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course focuses on the conceptual ideas of computing and helps students understand why certain tools or languages might be utilized to solve specific problems. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving, and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as artificial intelligence, web development, programming, and physical computing.

**Python (Coding)**  
**Semester – 7775**  
**Grades: 8, 9**

This is a basic coding class. Python is a language with a simple syntax, and a powerful set of libraries.

**\*Subject to change according to DSD Fee Schedule**

It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration. This course is an introduction to the Python programming language for students without prior programming experience.

**SCIENCE, TECHNOLOGY,  
ENGINEERING, AND  
MATHEMATICS (STEM)**

**Exploring Technology: Robotics**  
**Semester-7810**  
**Grades: 7, 8**  
**\*Lab Fee: \$10.00**

Students learn to build, and program VEX robots. Students will practice mechanical design, construction, programming, and teamwork skills. Using VEX building pieces, motors and sensors, students will build robots that can complete a variety of challenges and obstacles. Students will use a computer to program their robot. In this course, students will work through processes of idea creation, planning, logical thinking, analysis, and computational thinking to solve problems and accomplish goals.

**Exploring Technology: Design and Modeling**  
**Semester-7810**  
**Grades: 7, 8**  
**\*Lab Fee: \$10.00**

Design and Modeling provides students opportunities to apply the design process to creatively solve problems. They learn sketching, solid modeling, and prototyping. Students will print final products on a 3D printer. They will also learn how to create SVG files that can be used on a laser engraver.

**Exploring Technology: Electronics**

**Semester-7810**  
**Year-7810**  
**Grades: 7, 8**  
**\*Lab Fee: \$10.00**

Through hands-on projects, students will explore electricity, the behavior and parts of atoms, basic circuitry design, and sensing devices. They will use sensors and actuators to develop systems that interact with their environment. Students will code and upload programs to microcontrollers that perform a variety of tasks.

**Robotics Technology: Automation and Robotics**  
**Semester-7830**  
**Grades: 8, 9**  
**\*Lab Fee: \$10.00**

Robotics Technology focuses on what it means to live in an automated world. Students will trace the history, development, and influence of automation and robotics as they learn mechanical systems, energy transfer, machine automation, and computer control systems. Students use VEX V5 to design, build, and program real-world objects such as traffic lights, toll booths, and robotics arms.

**Robotics Technology: Flight and Space**  
**Semester-7830**  
**Grades: 9**  
**\*Lab Fee: \$10.00**

Students will gain an understanding of how transportation impacts politics, the environment, society, and the economy. They will become aerospace engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel to space. They solve real-world aviation and space challenges and plan a mission to Mars.

**Engineering Technology**  
**Semester-7820**  
**Grade: 9**  
**\*Lab Fee: \$10.00**

Students will explore various aspects of engineering along with technology's environmental, societal, political, and economic impacts on the world. They will explore how science impacts technology. Students will use the engineering design process to create a product or system using the shop equipment.

**ADDITIONAL ELECTIVES**

**Reading 180**  
**Semester or Full Year – 4225**  
**Grades: 7, 8**  
**students may be pre-selected for this class based on Lexile Score**

This is a reading class to help students improve their comprehension and other reading skills. Students spend time working in a computer program that adapts to their individual reading levels. They explore and read about topics of interest, have access to a wide range of books, eBooks, eReads, short articles, work within small groups, and receive individual help as needed. This class is highly recommended for any 7<sup>th</sup> or 8<sup>th</sup> graders with a Lexile score of 800 or below but is available for 7<sup>th</sup> graders with a Lexile of 970 or below and 8<sup>th</sup> graders with a Lexile of 1010 or below.

**Creative Writing**  
**Semester – 4335**  
**Grades: 7, 8, 9**

Creative Writing explores different types of fiction writing. This course is designed with the goal of inspiring students to develop original pieces of work. Students should expect to write daily and present their work to their classmates, both by sharing their writing and speaking to the class.

**Literature Survey**  
**Semester – 4154**  
**Grades: 7, 8, 9**

This course is designed for students who love to read about new places, people, and events. This is an opportunity to travel through time to explore fascinating places, learn how people are solving problems and saving lives, and to meet some of the people who have helped to shape the way we live today. This class is designed for students who want to dig deep into topics that interest them. Students will experience reading through many perspectives and opportunities.

**World Myths, Legends, and Folklore**  
**Semester – 4405**  
**Grades: 7, 8, 9**

People of the past had belief systems that explained natural phenomena and human experiences. Those belief systems have, over time, become myths, legends, and folklore. What caused the rising and setting of the sun? What were the reasons for the seasons? How and why did people fall in love? How were the heavens and the underworld created, and who got to go where when they died? How were children taught their manners and how to stay safe? What created Devil's Tower? Who were Pecos Bill, Babe the Blue Ox, and the Green

Knight? How do cultural myths compare to Biblical stories? If you are curious about these and other things and would like to explore the pantheons of gods from the ancient world, myths from a variety of cultures, and folklore from the United States and other countries, join this elective class! All grade levels are welcome! Part of this class discussion will follow literature as outlined in the Common Core Reading Literature Standard 9.

**\*Subject to change according to DSD Fee Schedule**

**Civics  
Semester – 4532  
Grade: 8**

This course is designed to help students understand the American justice system through the study and performance of “mock trials.” Topics included in this course will be, “What is Law,” “How Laws are Made,” “Crime and Punishment,” “Rights of Citizens in the Justice System,” “Criminal vs. Civil Proceedings in Courts,” and “Trial Procedure.” Students will be taught questioning procedures for direct examination and cross examinations in our mock trials. Students will take notes, relate current events to the law, perform mock trials, participate in classroom discussions and debates, and occasionally be quizzed and tested on course material.

**Civics-Mock trial  
Semester-4532  
Grade: 9**

This course is designed to help students understand the American justice system through the study and performance of “mock trials.” Topics included in this course will be, “What is Law,” “How Laws are Made,” “Crime and Punishment,” “Rights of Citizens in the Justice System,” “Criminal vs. Civil Proceedings in Courts,” and “Trial Procedure.” Students will be taught questioning procedures for direct examination and cross examinations in our mock trials. Students will take notes, relate current events to the law, perform mock trials, participate in classroom discussions and debates, and occasionally be quizzed and tested on course material.

**Study Skills  
Semester – 400  
Grades: 7, 8, 9**

***This class may only be taken once per year.*** The purpose of Study Skills is to teach specific concepts related to school success, correct study principles for home and school, independence, self-motivation, self-discipline, choices and consequences, and skills for lifelong learning.

**National Academic League (NAL)  
1<sup>st</sup> Semester Only – 408**

**Grades: 7, 8, 9**

**\*Fee: \$30.00 charged to all students on the team**

The National Academic League (NAL) class is a trivia-based curriculum covering all core subjects (Math, Science, History, and English). Study sessions, presentations, and matches will be held in class for the purpose of learning the rules of the game and to foster a competitive edge. This class helps prepare students to compete on the NAL team for the competition season, which is November through February. Participation in the NAL competitions is encouraged, but not required. Students will also develop effective strategies and habits to become successful learners and improve public speaking skills.

**Intro to Public speaking  
Semester – 4375**

**Grades: 7, 8, 9**

This course will introduce students to the role of effective communication in our world today. Communication theory and a variety of methods and mediums will be explored. In addition, students will have the opportunity to research, prepare and present speeches for several different purposes including to persuade, to inform, and to entertain. Through these experiences, students will improve public speaking skills and increase self-confidence.

**History Hijinks: History’s Hijinks  
Semester-4529**

**Grade: 9**

This course is an exploration of interesting historical events from ancient times to now using historical reasoning and critical thinking. Topics could include, but are not limited to: heroes and villains, cultures, revolutions, major conflicts, and natural disasters.

**APPLICATION ONLY**

**Office Assistant  
Semester  
Grade: 8, 9  
Eligibility: APPLICATION**

Would you like to learn how to manage a front office? Students who work in this job are the face of the school and their attitude, ability and proficiency are reflected on the whole school. Applications for Office Assistant at Syracuse Jr. High should attend school regularly, be friendly, have a positive attitude, and be responsible. An Office Assistant’s duties include a variety of office support tasks, including answering and transferring phone calls, relaying information

and items to teachers and staff, and greeting students and visitors who enter the office.

**Teacher Assistant  
Semester  
Grades: 8, 9**

**Required: APPLICATION**

Class is graded on Pass/Fail. The teacher assistant will be under the direction of one teacher. The teacher will assign duties to the assistant as needed.

**Counseling Assistant  
Semester  
Grades: 8, 9**

**Eligibility: APPLICATION**

Counseling assistants file, alphabetize, organize and help the counselors and secretary. Eligible students are expected to respect issues of confidentiality as they arise in the counseling office. Attendance is crucial.

**Peer Tutor  
Semester  
Grades: 8, 9**

**Eligibility: APPLICATION**

Peer Tutor students are teacher assistants who assist both regular and special education teachers. Peer tutors mentor students and assist the teacher, as requested. The peer tutor will not be asked to discipline other students. Duties vary according to subject. Students who assist teachers will not record grades or attendance. They may do routine clerical work. Peer tutors receive pass/fail grade for their work. Attendance is crucial.

**Library/Media Assistant  
Semester – 215**

**Grade: 8, 9**

**Required: APPLICATION**

Library Skills is designed for students who appreciate variety in their daily tasks, are computer literate, like to read, and enjoy spending time in the library. Responsibilities include In-class assignments, checking books in and out, shelving books, and completing errands and tasks for the operation and promotion of the library.

**Latino’s In Action  
Year-214  
Grade: 7-9**

**Eligibility: APPOINTMENT**

This class is a Peer Leadership class for Latino students. It is designed to enrich the life of students by developing the following skills:

- Writing and reading
- Resume development
- Speaking, listening, interpersonal and presentation
- Work ethic/responsibility
- Time management
- Teamwork/cooperation
- Decision making/Goal setting

**RELEASED TIME/SEMINARY**

**Released Time 9 (Seminary)**

**Full Year – 850**

**Grade: 9**

No credit is given toward high school graduation.

# Jr. High Honors Courses

## Indicators for Student Success

**Please thoughtfully consider the following criteria as you are deciding about whether Jr. High Honors level courses will provide the most appropriate learning environment. A student should:**

Typically, be performing at a **proficient level** on the **Student Assessment of Growth and Excellence (SAGE)** in a specific subject area before considering enrolling in an Honors level course for that subject area.

1. Consistently earn an **“A” or “B” (or a “3” for 6<sup>th</sup> graders)** for the subject in which they desire to take an Honors course.
2. Have a **high level of interest** and **strong desire to be challenged** in the subject in which they would like to take an Honors course.
3. Consistently exhibit most of the following characteristics:

### **Learning/Intellectual Characteristics:**

- Enjoys tasks that are more challenging than average
- Has a ready grasp of underlying principles and can quickly make valid generalization about events, people, and things.
- Tries to understand complicated material by separating it into its respective parts; reasons things out
- Analyzes problems and considers alternatives
- Enjoys complex concepts and processes

### **Motivational/Affective Characteristics:**

- Becomes absorbed and truly involved in certain topics or problems
- Needs little external motivation to follow through in work completion
- Often requires little direction from teachers
- Is highly self-motivated and persistent
- Has high expectations of self and others

**When deciding whether to enroll a student in a particular subject area honors course, please consider the following subject specific characteristics:**

### **Math/Science:**

- Is interested in numerical analysis
- Has a good memory for storing main features of problem and solutions
- Reasons effectively and efficiently
- Organizes data and experiments to discover patterns or relationships  Is flexible in solving problems

### **Social Studies/Language Arts:**

- Has advanced vocabulary for age or grade level
- Reads a great deal; does not avoid difficult material
- Enjoys language/verbal or written communication; has advanced communication skills
- Organizes ideas and sequences in preparation for speaking and writing
- Likes study and research in areas of interest