

Art Activity and Appreciation

1010MS

Grades: 06 - 08

Art appreciation and history are correlated with studio art which emphasizes the elements of art (line shape color value texture form and space) and the principles of design (balance movement rhythm contrast emphasis pattern unity).

Art 2

1030MS

Grades: 06 - 08

This course allows students to further develop their creative ideas and interests with more involved projects. A greater emphasis is placed on art aesthetics and critical evaluation. Art elements and principles of design continue to be reinforced as students are introduced to new art concepts art history media and techniques.

Art 3

1040MS

Grades: 06 - 08

This course is designed primarily as a program for students who wish to further their creative development in the fine arts. Students are encouraged to concentrate in areas of special interest to them on major projects. New techniques and media are introduced. Some of these might be advanced water color techniques acrylic painting mixed media drawings embossing multicolor silk screen printing soft sculpture casting techniques batik fiber arts airbrush papermaking and computer graphics.

Pottery and Sculpture

1045MS

Grades: 06 - 08

Pottery and Sculpture is a one-semester class directed toward introducing students to three-dimensional methods of creating art. The class begins by studying the element and principles of design and how they are applied to 3-D works of art.

Photography 1

1070MS

Grades: 06 - 08

This exciting course includes instruction in basic and fundamental 35 mm camera use. Each student participates in darkroom techniques such as black and white film developing picture printing and picture enlarging. The history of photography is introduced the science of photographic chemicals is studied and visual perception is stressed by looking with discrimination through the lens of a camera. There is a fee for this class and students may be asked to buy film. Students must have a C or higher in Art 7 (#1010). This course does not exempt students from taking Photo I in high school as a prerequisite for advanced high school photography offerings.

Web 2.0 Computer Technology

1602

Grades: 06 - 08

This class focuses on the safe and responsible use of Web 2.0 technology for productivity and communication. Concepts covered include digital citizenship, multimedia and presentation, research, data collection and analysis, information literacy, online research, and computational thinking. Students apply skill and knowledge to communicate ideas through quality projects.

Game Programming Digital Tech

1759

Grades: 06 - 08

Take your knowledge of computers and programming to the next level with this course. Digital citizenship, multimedia and presentation, research, data collection and analysis, information literacy, online research, and computational thinking will be explored through creative projects. Computational thinking and logical problem solving are a focus throughout the course.

Web Design/Comp Animation

1800

Grades: 06 - 08

Have fun publishing for the web while learning techniques in image editing, design, animation, HTML programming, and web design. This course will incorporate 21st century skills while working collaboratively to design and create innovative digital works. Careers and life-long learning opportunities will be explored.

Intro to Tech/Engineering

2000

Grades: 06 - 08

Introduction to Technology/Engineering is an exciting and fast paced hands-on/minds-on class. Students will explore areas of technology and engineering from electronics, rocketry, robots and other technology related areas. During each unit, Science Technology Engineering and Math (STEM) concepts will be integrated to provide the student with 21st century skills and help build technological literacy. This class will provide the foundation for additional Technology Education curriculum offered to seventh and eighth grade students. Student projects will align with The Design Cycle (Investigate, Plan, Create, Evaluate) for both student design and evaluation. Safe and proper use of equipment will be integrated in the course.

Exploring Tech/Engineering

2001

Grades: 06 - 08

Exploring Technology/Engineering 7 addresses the development of technology and how it is changing our world. Students learn to use technology-related tools including computers, lasers, telecommunication equipment, transportation systems, production equipment, robots, wind tunnels. Engineering concepts are also integrated throughout the course. Student projects will align with The Design Cycle (Investigate, Plan, Create, Evaluate) for both student design and evaluation. Safe and proper use of equipment will be integrated in the course.

Applying Tech/Engineering

2002

Grades: 06 - 08

Applying Technology/Engineering 8 is an opportunity for students to further their knowledge of STEM related areas. It provides students with a chance to expand on information they've gained in previous classes in areas such as computer applications, robotics, transportation and work both individually and as teams in STEM areas. In this class students will explore, research and develop applications for future technologies. This class is important for students wishing to continue in the technology education program at the high school level. Student projects will align with The Design Cycle (Investigate, Plan, Create, Evaluate) for both student design and evaluation. Safe and proper use of equipment will be integrated in the course.

Robotics Engineering 1

2003

Grades: 06 - 08

Robotics Engineering 1 is a semester long class designed to introduce the basics of robotics as it teaches science technology engineering and mathematics (STEM). Students will learn how to use information from sensors, applied mathematics and measurement to program their robot to perform in a series of environments. They will have the opportunity to complete multiple investigations involving guided research, problem solving, working in teams and documenting what they've learned as they investigate how robots make decisions to navigate their environment. As students become familiar with the programming and the NXT hardware, they may progress at their own pace allowing for differentiation in student abilities and learning styles. Interactive, hands-on learning is the structure of this class. This course is a pre-cursor to the high school robotics program and a part of the K-12 robotics articulation.

Select Choir 7/8

2534

Grades: 07 - 08

Participation in select choir requires high-level performance skills. The choir performs a variety of significant choral literature representing several stylistic periods. This is a gifted and talented group which performs concerts in the school and community.

Concert Choir

2540MS

Grades: 06 - 08

Membership is by permission of the instructor. This is a non-select mixed choir. Choral literature of appropriate difficulty is performed in preparation for advanced musical study in select groups. This is a performing group and attendance at school concerts is required.

Guitar

2560MS

Grades: 06 - 08

This course is designed to train students in techniques which include fundamental theory in reading and playing notes rhythms chords scales and accompaniment styles. This is a beginning course and students should furnish their own guitars.

Beginning Band

2570MS

Grades: 06 - 08

The beginning band is designed for teaching basic skills to beginning wind brass and percussion players. Tone technical facility music terminology and music reading are stressed. Literature appropriate to beginner skill level is presented. Enrollment is based upon completion of the summer band program or by approval of the instructor. If a student is not able to attend the summer band program and wishes to play in the beginning band he/she should contact the instructor at the middle school they will attend. Performance opportunities begin.

Concert Band

2590MS

Grades: 06 - 08

Enrollment in this class is by instructor approval or upon successful completion of beginning band. Intermediate band emphasizes fundamentals such as scales chords and tone production. A large quantity of band literature of varying styles and difficulty is studied. Performances are required. Intermediate Level

Concert Orchestra

2600MS

Grades: 06 - 08

This is the second semester of Concert Orchestra JHS. This is a class designed for 7th graders but does provide a stronger musical experience for the advanced 6th grade student. It also provides an opportunity for the eighth grader to develop who may not have the necessary skills for the symphony orchestra. Students in this group will have the opportunity to advance at semester. Literature studies is of intermediate difficulty. Performances are required. Students must have instructor approval. Intermediate Orchestra

Symphonic Band

2610MS

Grades: 06 - 08

Enrollment is by instructor approval or upon successful completion of intermediate band. The class involves a continuation of music fundamentals taught at the beginning and intermediate levels. Principal players of most sections may be asked to participate in symphony orchestra twice a week. Advanced playing techniques are developed through rehearsal and performances. Participation in Advanced Band is a prerequisite for high school band. Performances are required.

Symphonic Orchestra

2620MS

Grades: 06 - 08

This course is designed for intermediate as well as advanced string players. Advanced techniques of bowing fingering and tone production are pursued through the study of music ranging from Early Baroque through contemporary and popular styles. The group performs both as a string ensemble and as a symphony orchestra by combining woodwinds brass and percussion from the Advanced Band. Performances are required.

Sm Ensemble Orch 6-8

2631MS

Grades: 06 - 08

Small Ensemble Orchestra helps students perform a variety of musical styles (e.g., traditional chamber music, jazz, and rock). At the same time, these courses, in a small setting, help cultivate students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic.

Band 6

2639

Grades: 06

Beginning Band is designed for teaching basic skills to beginning Wind Brass and Percussion players. Tone technical facility music terminology and music reading are stressed. Enrollment is based upon completion of the Summer Band Program or by approval of the instructor. If student is not able to attend the Summer Band Program he/she should contact the instructor at the middle school they will attend.

Orchestra 6

2644

Grades: 06

Beginning Orchestra is designed for teaching basic skills to beginning Bass Cello Violin and Viola players. Tone technical facility music terminology and music reading are stressed. Enrollment is based upon completion of the Summer Band Program or by approval of the instructor. If student is not able to attend the Summer Band Program he/she should contact the instructor at the middle school they will attend.

Choir 6

2649

Grades: 06

Choir 6 is a non-auditioned ensemble open to all 6th grade students. The choir performs music from all genres and time periods while learning the basics of singing posture music theory and sight singing. Beginning choir is the entry pathway designed to give students with an interest in singing an opportunity to explore the changing voice at the middle level. This class will provide a strong choral foundation that will enable students to confidently transition to Select Choir at the seventh grade and eighth grade level.

Intro to Rock and Roll History

2779MS

Grades: 06 - 08

This course is an introduction to the evolution of rock styles contributions of important performers and musical techniques involved in the creation and performance of rock music. Students will be introduced to the history of rock and roll music as it evolved in the United States and spread throughout the world.

Modern Band MS

2845MS

Grades: 06 - 08

This course teaches students to perform, improvise and compose using the popular styles that they know and love including rock, pop, hip hop, folk and other modern styles. Modern Band classes feature guitar, ukulele, bass, keyboard, drums, vocals, technology. Students will learn to read iconic and traditional music notation such as tablature, chord diagrams and lead sheets.

Jazz Band

2889MS

Grades: 06 - 08

Time arranged with instructor: Many ensembles meet outside of regularly scheduled music classes with arrangements made by instructor. This opportunity is available for those students desiring to study and perform ensemble music and/or Jazz Band: Check with instructor: In some schools students must be enrolled in band or orchestra classes to additionally enroll in Jazz Band.

Physical Fitness

3064MS

Grades: 06 - 08

This class will provide the opportunity to explore the benefits of physical activities such as weight lifting aerobics wall climbing traversing walk/run and rollerblading. An appreciation of physical fitness and wellness which includes muscle strength cardio-respiratory endurance and flexibility encourages a positive attitude toward exercise.

Health

3070MS

Grades: 06 - 08

This course is designed to emphasize the positive approach toward sound healthy habits as well as decision making. Students gather information explore consequences of actions and learn to make decisions that lead to positive choices. The course curriculum will cover specific units approved by the school board.

Cultural Dance

3097MS

Grades: 06 - 08

Prerequisite: ELL beginning through fluent. This class teaches a variety of multicultural dances including salsa swing native African dance and much more. Students will dance with partners and as individuals. Participation and a positive attitude is the key to success in this physically active form of artistic expression.

Adapted Physical Education

3099MS

Grades: 06 - 08

This class requires the teachers approval. Special needs individuals will be taught basic skills such as balance self-Awareness hand-eye coordination foot-eye coordination rhythms sportmanship strength and endurance activities.

Physical Education 6

3500

Grades: 06

This is an activity course designed around developing physical fitness and wellness desirable social traits knowledge of a variety of activities and developing motor skill. Depending upon which semester (fall/spring) a student is scheduled the variety of core activities includes soccer volleyball flag football basketball softball tumbling racquet skills aerobics fitness testing track and field and rhythms. This does not preclude that a school site would teach as deemed appropriate supplementary activities that fit the weather conditions class make-Up and facilities.

Physical Education 7

3505

Grades: 07

This is an activity course designed around developing physical fitness and wellness desirable social traits knowledge of a variety of activities and developing motor skill. Depending upon which semester (fall/spring) a student is scheduled the variety of core activities includes soccer volleyball flag football basketball softball tumbling racquet skills aerobics fitness testing track and field and rhythms. This does not preclude that a school site would teach as deemed appropriate supplementary activities that fit the weather conditions class make-Up and facilities.

Physical Education 8

3525

Grades: 08

This course offered in both 1st and 2nd semester changes according to appropriateness of activities in fall (1st semester) and spring (2nd semester). Physical activities are similar to seventh grades but motor skills are further refined and new lead-Up activities offered as it fits the eighth-Grade student. Scoliosis screening occurs during the year accomplished by PSD nursing and physical education staff.

AVID 6

4042

Grades: 06

Advancement Via Individual Determination A.V.I.D. is a sequential foundational organizational curriculum intended for 6th grade students at all ability levels. The A.V.I.D. strategies including WICOR a focus on writing inquiry collaboration organization and reading skills help students in the middle school setting focus on student success skills. These A.V.I.D. skills are designed for all students and will allow students to decide whether or not to pursue an application to the A.V.I.D. 7th and 8th grade program as well as the high school program.

AVID 7

4043

Grades: 07

AVID is an elective course where students will receive instruction on academic study skills such as time management note taking textbook reading library research and organization. These skills will support the students as they pursue a rigorous course of college preparatory study. Students will also work in tutor led study groups two days per week to focus on specific areas where additional academic instruction is needed. Students will be taught how to use writing as a tool of learning reading strategies collaboration and inquiry.

AVID 8

4044

Grades: 08

AVID is an elective course where students will receive instruction on academic study skills such as time management notetaking textbook reading library research and organization. These skills will support the students as they pursue a rigorous course of college preparatory study. Students will also work in tutor led study groups two days per week to focus on specific areas where additional academic instruction is needed. Students will be taught how to use writing as a tool of learning reading strategies collaboration and inquiry.

World Language Explorations

4510MS

Grades: 06 - 08

World Language Explorations is an elective class designed to introduce students to the alphabet numbers pronunciation basic phrases greetings and culture of the individual language.

German Level 1A

4718MS

Grades: 06 - 08

Students are introduced to vocabulary and structures during the first part of a two-part course. Activities include dialogs novice readings listening selections and written communication. Students experience language through the study of cultures while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

German Level 1B

4719

Grades: 06 - 12

Students are introduced to more vocabulary and structures during the second part of a two-part course. Activities include dialogs novice readings listening selections and written communication. Students experience language through the study of cultures while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

Spanish Level 1A

4728MS

Grades: 06 - 08

Students are introduced to vocabulary and structures during the first part of a two-part course. Activities include dialogs novice readings listening selections and written communication. Students experience language through the study of cultures while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

Spanish Level 1B

4729

Grades: 06 - 12

Students are introduced to more vocabulary and structures during the second part of a two-part course. Activities include dialogs novice readings listening selections and written communication. Students experience language through the study of cultures while making connections and comparisons to their native language and developing communication skills in the target language. The study of a world language prepares students to compete in a global community!

Spanish Literacy 2B

4912B

Grades: 06 - 08

This middle school version is the second half of the course is intended for students with good Spanish language comprehension but basic literacy skills. Students will improve their communication and literacy skills of reading and writing. Activities include reading and responding to short stories in written and oral presentations and group activities. Students gain an enhanced understanding of fundamentals of Spanish grammar. This course addresses the World Language standards of communication culture connections and comparisons.

Newcomer Language Arts S1

5009S1

Grades: 09 - 12

This is the first semester of Newcomer Language Arts. This course is designed for students with minimal English language proficiency. The focus will be the development of a student's listening and basic speaking skills with a strong emphasis on conversational skills and survival vocabulary. The curriculum for this class will be placed on content vocabulary English language grammar structure and usage.

Newcomer Language Arts S2

5009S2

Grades: 09 - 12

This is the second semester of Newcomer Language Arts. This course is designed for students with minimal English language proficiency. The focus will be the development of a student's listening and basic speaking skills with a strong emphasis on conversational skills and survival vocabulary. The curriculum for this class will be placed on content vocabulary English language grammar structure and usage.

English Lang Devel 6

5046

Grades: 06 - 08

This course is designed to help students at the intermediate level of English language proficiency improve their skills insocial and academic listening, speaking, reading and writing in English. The goal is to improve listening and reading comprehension, academic vocabulary development, and oral/written communication in order to move students along the English language proficiency continuum. This course also supports students with speaking, listening, reading and writing skills/tasks in their grade-level content classes.

English Lang Devel 7

5047

Grades: 06 - 08

This course is designed to help students at the intermediate level of English language proficiency improve their skills insocial and academic listening, speaking, reading and writing in English. The goal is to improve listening and reading comprehension, academic vocabulary development, and oral/written communication in order to move students along the English language proficiency continuum. This course also supports students with speaking, listening, reading and writing skills/tasks in their grade-level content classes.

English Lang Devel 8

5048

Grades: 06 - 08

This course is designed to help students at the intermediate level of English language proficiency improve their skills insocial and academic listening, speaking, reading and writing in English. The goal is to improve listening and reading comprehension, academic vocabulary development, and oral/written communication in order to move students along the English language proficiency continuum. This course also supports students with speaking, listening, reading and writing skills/tasks in their grade-level content classes.

Drama

5070MS

Grades: 06 - 08

This one-semester course is designed to introduce and/or improve basic acting skills. Techniques to develop and practice creative imagination and self-discipline will be employed through such classroom activities as character creation and interpretation improvisation pantomime and oral interpretation. Students have the opportunity to perform for others.

Introduction To Drama

5072MS

Grades: 06 - 08

This class provides an introductory experience to creative dramatics.

Yearbook

5130MS

Grades: 06 - 08

A semester course Yearbook covers all phases of yearbook production. Students learn to design layouts write copy organize materials select photographs and function as a cooperative member of a publications staff.

Musical Theatre Production

5237MS

Grades: 06 - 08

This one semester class is an interdisciplinary course designed to develop skills in various aspects of producing a major musical. It is open to students with a variety of interests including singing acting dancing instrumental music technical theater and marketing. Auditions portfolios and/or resumes may be required. Instructor approval required.

Broadcasting 1

5284MS

Grades: 06 - 08

Prerequisite: ELL level 3 through fluent. This class produces a school-wide televised news program. Students will research and write original material based on current issues and school events. Students will co-star in the filming and broadcasting of each newscast.

Algebra 1

6230

Grades: 06 - 12

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grade. Because it is building on the middle grades standards, this is a more ambitious version of Algebra I than has generally been offered. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Geometry

Grades: 06 - 12

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The critical areas, organized into six units are as follows: Congruence, Proof, and Constructions; Similarity, Proof and Trigonometry; Connecting Algebra and Geometry through Coordinates; Circles With and Without Coordinates; Extending to Three Dimensions; Applications or Probability.

6240

Algebra 2

Grades: 06 - 12

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The critical areas for this course, organized into four units are as follows: Inferences and Conclusions from Data; Polynomial, Rational, and Radical Relationships; Trigonometric Functions; Modeling with Functions.

6250

Science Adventures

Grades: 06 - 08

This is an exploratory elective class. The course of study is determined by the special interests of the teachers and the students. A minimum of three minicourses are taught. Example topics may include: aviation scuba diving rocketry astronomy insect collecting and bird study.

6530MS

Current Issues

Grades: 06 - 08

This course helps students to understand current local state national and international issues and their historical background. This understanding will provide an opportunity to develop reasoned opinions. The student will develop an awareness of positions held by individuals and groups affected by issues.

7281MS

Home School

Grades: K - 12

NA

8004

Homebound

Grades: K - 12

NA

8005

Teacher Aide

Grades: 06 - 08

Students will be responsible to support teachers in their workload requests. Duties will be as assigned but will not include grading of papers or leaving campus unless a waiver of liability is in place. Students are responsible for timely attendance and prompt completion of tasks. Student will remain in the same area as their cooperating teacher.

8110MS

Office Aide

Grades: 06 - 08

Students will be responsible to support office areas in their workload requests. Duties will be as assigned but will not include grading of papers or leaving campus. Students are responsible for timely attendance and prompt completion of tasks. Student will remain in their assigned office area unless otherwise delegated by their supervisor.

8114MS

Media Aide

Grades: 06 - 08

Students will be responsible to support the Media Center in their workload requests. Duties will be as assigned but will not include grading of papers or leaving campus. Students are responsible for timely attendance and prompt completion of tasks. Student will remain in the Media Center area unless otherwise delegated by their supervisor.

8116MS

Study Hall

Grades: 06 - 08

NA

8124MS

Extended Learning Opportunity

Grades: 06 - 08

This year-long class is designed to help students organize their homework and have successful study habits. Students will be working in a classroom setting with small teacher to student ratio.

8135MS

Peer Helper

Grades: 06 - 08

Students will act in the capacity of teaching para-professionals with a focus on student tutoring and mentoring. Students will be specifically assigned to classes where the population is predominately made up of at-risk students.

8140MS

Project Unify

Grades: 06 - 08

Project UNIFY is an education-based program that activates youth to promote school communities where all young people are agents of change - fostering respect, dignity and advocacy for people with and without disabilities. Learning happens through inclusive friendships formed as youth with and without intellectual disabilities work together as leaders in and out of class to create caring and respectful communities. Youth become core leaders in their school communities using introspective journals, weekly character reflections, class projects and fun as the catalyst for fostering personal and school wide growth.

8696MS

Enrichment

Grades: 06 - 08

This course provides students with various enrichment activities.

9932MS

Advisor/Advisee Mentoring 6

Grades: 06

NA

9939

Advisor/Advisee Mentoring 7

Grades: 07

NA

9940

Advisor/Advisee Mentoring 8

Grades: 08

NA

9941

Eng/LangArts 6

LA610

Grades: 06

The sixth-grade language arts course is devoted to developing communication and thinking skills through the integrated study of reading speaking and writing strategies as well as further refining active listening and critical viewing practices. In addition to adapting usage conventions form and/or genre to a variety of audiences and purposes students continue their practice with the writing process as they gain experience mastering single and multi-paragraph texts in all four major modes -- narrative descriptive persuasive and expository. Students actively apply these aforementioned techniques in order to summarize compare contrast activate and synthesize literary and informational texts across content areas.

Eng/LangArts 6 Strategic

LA618

Grades: 06

Students increase reading effectiveness using three instructional modalities within the Scholastic Read 180 curriculum: computer based direct instruction and independent reading. Although students may work at a modified pace and intensity of instruction in this class as per their IEPs students follow the same Language Arts standards expected of all Grade 6 students including the following: reading comprehension for fiction and non fiction pieces expository and narrative writing poetry beginning research skills grammar spelling and writing a formal letter.

Eng/LangArts 7

LA710

Grades: 07

The seventh-grade English program is designed to help students express themselves more easily and effectively through writing and speaking. The course includes study of the fundamentals of grammar correct usage literature (short stories and the novel) and the process of writing (narration description and exposition). Students focus on writing a unified coherent paragraph which logically supports a topic sentence by using specific details. Students also have opportunities to write creatively.

Eng/LangArts 7 PreAP

LA712

Grades: 07

Pre-AP English 7 is based upon the same curriculum and standards as English 7 but is designed to emphasize the skills and habits of mind that will be needed to take Advanced Placement English courses and the Advanced Placement exam. Students will be challenged to do more with literary comparison composition and the higher order thinking skills of analysis synthesis and evaluation. Seventh grade English course content is covered in greater depth and with more insight.

Eng/LangArts 7 Strategic

LA718

Grades: 07

Incorporates individualized and small group instruction focused on improving reading skills by increasing fluency comprehension and building vocabulary. English Literacy class enhancing writing skills by teaching the 6 Traits of Writing and providing continuous feedback with personal writing conferences. Study skills and organizational techniques are taught and practiced. Read 180 is an exploration into the wonderful world of books. In this class we will examine reading comprehension through the use of strategies such as prediction compare and contrast making inferences etc. Students will get small group direct instruction for reading and writing skills. Students will study spelling grammar and reading comprehension independently on the computer through instructive software. Students will also read a book of their choice for at least twenty minutes a day. This class is designed to help students discover and feel success in their reading and writing ability.

Eng/LangArts 8

LA810

Grades: 08

The eighth-grade English course is devoted to developing communication and thinking skills through the integrated study of language literature and writing. Language study emphasizes sentence patterns punctuation spelling vocabulary and usage. The study of the writing process includes further development of skills and working with multi-paragraph writings in narrative descriptive and expository writing. The study of literature includes the genre or thematic approach stressing an understanding of literary terminology and author's purpose.

Eng/LangArts 8 PreAP

LA812

Grades: 08

Pre-AP English 8 is based upon the same curriculum and standards as English 8 but is designed to emphasize the skills and habits of mind that will be needed to take Advanced Placement English courses and the Advanced Placement exam. Students will be challenged to do more with literary comparison composition and the higher order thinking skills of analysis synthesis and evaluation. Eighth grade English course content is covered in greater depth and with more insight.

Eng/LangArts 8 Strategic

LA818

Grades: 08

Incorporates individualized and small group instruction focused on improving reading skills by increasing fluency comprehension and building vocabulary. English Literacy class enhancing writing skills by teaching the 6 Traits of Writing and providing continuous feedback with personal writing conferences. Study skills and organizational techniques are taught and practiced. Read 180 is an exploration into the wonderful world of books. In this class we will examine reading comprehension through the use of strategies such as prediction compare and contrast making inferences etc. Students will get small group direct instruction for reading and writing skills. Students will study spelling grammar and reading comprehension independently on the computer through instructive software. Students will also read a book of their choice for at least twenty minutes a day. This class is designed to help students discover and feel success in their reading and writing ability.

Math 6

MA640

Grades: 05 - 06

Students will expand upon their knowledge of whole numbers and decimals formed in previous grades to include operations of multi-digit decimals and rational numbers. During the course of the year students will use their knowledge of rational numbers to write and solve equations and inequalities, analyze geometric shapes, and organize and evaluate data displays. Students will explore the concepts of area, surface area, and volume.

Math 7/8

MA745

Grades: 06 - 07

This course differs from the 7th Grade course in that it contains content from 8th grade. While coherence is retained, in that it logically builds from the 6th Grade, the additional content when compared to the 7th Grade course demands a faster pace for instruction and learning. Content is organized into four critical areas, or units. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Math 8

Grades: 08

In 8th grade, students will build upon their knowledge and understanding of generating equivalent expressions, ratios and proportions, exponents, and volume of prisms gained in 6th and 7th grade.

In this course, students will apply their knowledge of expressions both algebraically and geometrically. Students will explore congruence and similarity of figures in the coordinate plane and write algebraic expressions to describe the transformations. Students will use their knowledge of generating equivalent expressions to solve single-variable linear equations. They will analyze the solution set to include one solution, no solutions, and infinitely many solutions. Students will build upon their understanding of proportional relationships to create linear functions in a graph, table of values, equation, and story problem. They will then examine the similarities and differences between linear and non-linear models, exploring the commonalities and differences among rational and irrational numbers. Students will approximate the location of simple square and cube root values on a number line. Students will expand upon their understanding of volume of prisms to know and apply the formulas for volume of cylinders, cones, and spheres. Students will apply their knowledge of linear relationships to analyze and make conjectures about two-way data displays, tying together the components of this course. The 8th grade standards have been divided into six critical areas, or units, as follows.

Science 6

Grades: 06

This course is designed for all students and is the first of three courses that meets the Colorado State and Poudre School District Content Standards for Science grades 6 - 8. The major topics covered in the 6th grade are: Forms and Transfer of Energy - Renewable vs. Non-renewable Energy; Properties of Matter - Phases and Changes; Living Systems - The Human Body and Diseases; Earth Systems -The Solar System and the Universe.

Science 7

Grades: 07

This course is designed for all students and is the second of three courses that meets the Colorado State and Poudre School District Content Standards for Science grades 6 - 8. The major topics covered in the 7th grade are: Forms and Transfer of Energy - Waves ~ Light and Sound Energy; Properties of Matter - Atomic and Molecular Structure; Living Systems - Classification The Cell and Genetics; Earth Systems - Atmosphere Weather and Water.

Science 7 PreAP

Grades: 07

This is an advanced science course that introduces students to chemistry thermodynamics classification cytology genetics sound and light oceanography and weather. This course is coordinated with grade 8 Pre-AP Science and is intended to prepare students to take the Advanced Placement Science courses in high school.

Science 8

Grades: 08

This course is designed for all students and is the third of three courses that meets the Colorado State and Poudre School District Content Standards for Science grades 6 - 8. The major topics covered in the 8th grade are: Forms and Transfer of Energy; Physics; Properties of Matter: Chemistry; Living Systems: Ecology and Earth Systems - Earth's Composition Processes and History.

Science 8 PreAP

Grades: 08

This is an advanced science course that introduces students to the fields of chemistry physics and earth science. This course is coordinated with pre AP Science 7 and is intended to prepare students to take Advanced Placement science courses in high school. Prerequisite: Algebra 1 or concurrent Algebra 1.

MA840

Social Studies 6

Grades: 06

Sixth Grade Geography is a study of the patterns and interactions of countries in the Western Hemisphere. Students will determine information about people places and environment through the use and construction of geography tools. From an understanding of the physical and human characteristics of places students will study the effects of the interaction between human and physical systems. With an emphasis on resource distribution and use students will determine how economic political cultural and social processes interact to shape patterns of human populations interdependence cooperation and conflict. The 21st century skills of critical thinking problem solving communication collaboration and cross-cultural understanding will be emphasized throughout the course.

Social Studies 7

Grades: 07

This course will teach students how to organize and to analyze information about several world cultures. The course content emphasizes both physical geography skills and a knowledge of the cultural components of each area studied. Specific cultures from the Middle East Asia Europe Africa and South America will be investigated.

Social Studies 7 PreAP

Grades: 07

The AP Prep course will teach students how to organize and to analyze geographic information. The course content includes both physical and cultural geography as well as analyzing human social organization and its environmental consequences. This course is intended to prepare students to take the Advanced Placement Geography Course in high school.

Social Studies 8

Grades: 08

This course is an overview of United States History with a strong emphasis on civics economics and civil rights. The 4 major focus areas include Exploration and settlement Development of Constitutional America The Expanding Nation - economic growth and development of the U.S. and U.S. come of Age in the 20th Century.

Social Studies 8 PreAP

Grades: 08

The AP Prep United States History course will teach students how to organize and to analyze historical information. This course requires extensive reading writing research and participation. The course content includes the following units: Exploration and Settlement Development of Constitutional America The Expanding Nation and the U.S. Comes of Age in the 20th century. This course is intended to prepare students to take the Advanced Placement U.S. History Course in high school as well as the AP U.S Government and Politics course.

Pro ELA 6-8

Grades: 06 - 08

Pro ELA is a general literacy course which involves content that is not grade differentiated and may apply to a range of consecutive grades (e.g., "by seventh grade, students should know and be able to do..."). These courses may include modified content of the grade-level content standards.

Pro Math 6-8

Grades: 06 - 08

This class requires teacher approval. Students will learn but are not limited to the following: recognizing numbers and currency understanding basic more or less concept demonstrating basic operations (+ - x /) use of computation by both calculator and pencil dollar-up strategy and solving problems applicable to real life situations.

SS630

SS730

SS732

SS830

SS832

SU613

SU643