

### 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.

### Computer Science Exploration

1650

Grades: 07 - 08

This course includes the computer knowledge all middle-schoolers need for success in a changing world. Students will learn how computers work and can be used as tools to solve problems. We will explore how computers store and use information and how computer hardware works with software. We will understand how the World Wide Web functions and design our own webpages by coding them. We'll also learn a text-based programming language and use it to solve problems, create animations, and code computer games. This course helps students prepare for future computer classes in high school and college.

### 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.

### Choir 7

2520

Grades: 07

A class designed to give students with an interest in singing the opportunity to perform vocally and become more comfortable and confident with their changing voices. This class would give seventh grade students the preparation knowledge and skills that build confidence in adolescent singers and prepare them for the advanced choirs. Students may enroll for one or two semesters.

### 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.

### 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.

<b>Physical Education 6</b> <b>Grades: 06</b> 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.	<b>3500</b>	<b>German Level 1B</b> <b>Grades: 06 - 12</b> This, the second half of level 1, course meets the Colorado Academic Standards for novice-mid communication proficiency. Students communicate in spontaneous spoken and written conversations, identify the general topic and some basic information in texts, using a variety of practiced or memorized words, phrases, and simple sentences, on both very familiar and everyday topics. Language acquisition activities promote learning in context by being immersed in comprehensible language, emphasizing communication over form.	<b>4719</b>
<b>Physical Education 7</b> <b>Grades: 07</b> 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.	<b>3505</b>	<b>Spanish Level 1A</b> <b>Grades: 06 - 08</b> This course, the first half of level 1, meets the Colorado Academic Standards for novice-low communication proficiency. Students communicate in spontaneous spoken and written conversations, identify the general topic and some basic information in texts, using practiced or memorized words and phrases, on both very familiar and everyday topics. Language acquisition activities promote learning in context by being immersed in comprehensible language, emphasizing communication over form.	<b>4728MS</b>
<b>Physical Education 8</b> <b>Grades: 08</b> 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.	<b>3525</b>	<b>Spanish Level 1B</b> <b>Grades: 06 - 12</b> This, the second half of level 1, course meets the Colorado Academic Standards for novice-mid communication proficiency. Students communicate in spontaneous spoken and written conversations, identify the general topic and some basic information in texts, using a variety of practiced or memorized words, phrases, and simple sentences, on both very familiar and everyday topics. Language acquisition activities promote learning in context by being immersed in comprehensible language, emphasizing communication over form.	<b>4729</b>
<b>Family and Consumer Sciences</b> <b>Grades: 06 - 08</b> In this hands on course, students will learn about relationships, babysitting/care giving, sewing/clothing, and foods and nutrition. This course includes activities that will help students in everyday living and improve their practical application of math and reading skills.	<b>4020</b>	<b>Spanish Literacy 2A</b> <b>Grades: 06 - 12</b> This middle school version is the first 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.	<b>4912A</b>
<b>Teen Living</b> <b>Grades: 06 - 08</b> This course will explore and develop skills in foods, nutrition, child development/care giving, personal development, clothing care, consumerism. This hands on course gives students a chance to practice what they learn by designing projects related to each topic and is relevant to the issues teens are currently dealing with in their own lives.	<b>4030MS</b>	<b>Spanish Literacy 2B</b> <b>Grades: 06 - 08</b> 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.	<b>4912B</b>
<b>World Language Explorations</b> <b>Grades: 06 - 08</b> 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.	<b>4510MS</b>	<b>Newcomer English</b> <b>Grades: 06 - 08</b> 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.	<b>5009MS</b>
<b>German Level 1A</b> <b>Grades: 06 - 08</b> This course, the first half of level 1, meets the Colorado Academic Standards for novice-low communication proficiency. Students communicate in spontaneous spoken and written conversations, identify the general topic and some basic information in texts, using practiced or memorized words and phrases, on both very familiar and everyday topics. Language acquisition activities promote learning in context by being immersed in comprehensible language, emphasizing communication over form.	<b>4718MS</b>		

### 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 in social 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 in social 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 in social 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.

### Advanced Acting And Production

5240

Grades: 09 - 12

This one semester course requires instructor approval. Auditions and/or portfolios may be required. Students' skills are enhanced through practice and performance.

### 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

6240

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.

### Algebra 2

6250

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.

### Newcomer Math

6370MS

Grades: 06 - 08

This course is designed to increase English vocabulary development while differentiating math instruction tailored to the individual student's needs so that they can be successful in the mainstream math class. Topics include: data & statistics shapes & designs variables & patterns properties of similarity & algebra.

### Newcomer Science

6504

Grades: 06 - 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.

<b>Newcomer Geography</b> <b>Grades: 06 - 08</b> <p>This course is designed for students with minimal English proficiency. Students will develop an understanding and language about their physical surroundings including home school community state country and continent through the use of maps and globes. The instruction will focus on the five themes of geography including place location movement interaction and region.</p>	<b>7014MS</b>	<b>Guided Study</b> <b>Grades: 06 - 08</b> <p>Guided Study is a semester long academic class designed to provide students augmented, guided instruction in the general academic areas of Literacy, STEM, Social-Emotional Learning, and Humanities. Students will work in a classroom setting on enrichment and intervention content.</p>	<b>8134MS</b>
<b>Leadership</b> <b>Grades: 06 - 08</b> <p>Leadership is an elective course in the Social Studies which is designed to provide students with an opportunity to develop communication skills and participate in community service projects.</p>	<b>7027MS</b>	<b>Extended Learning Opportunity</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8135MS</b>
<b>Home School</b> <b>Grades: K - 12</b> NA	<b>8004</b>	<b>Peer Helper</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8140MS</b>
<b>Homebound</b> <b>Grades: K - 12</b> NA	<b>8005</b>	<b>Project Unify</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8696MS</b>
<b>Mathematics Lab</b> <b>Grades: 06 - 08</b> <p>The purpose of Mathematics Lab is to give each student an opportunity to improve skills as a mathematics student. This includes math skill set attitude effort motivation critical thinking and problem solving. Students have access to online tutoring software which is prescribed by the math teacher to meet individual student needs. Although Math Lab can be taken independently from a traditional math class in order to improve math skills it is typically taken concurrently with a traditional mathematics course (i.e. Algebra 1 Geometry Algebra 2 etc.). In addition to utilizing the online math software time in the Math Lab is spent enhancing what is learned in class studying making up work and getting assistance with homework assignments.</p>	<b>8025MS</b>	<b>Support</b> <b>Grades: 06 - 08</b> NA	<b>8869MS</b>
<b>Teacher Aide</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8110MS</b>	<b>Advisor/Advisee Mentoring 6 SBG</b> <b>Grades: 06</b> <p>This 6th grade course covers multiple standards including AVID standards, Comprehensive Health standards, and ISTE standards.</p>	<b>9939SBG</b>
<b>Office Aide</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8114MS</b>	<b>Advisor/Advisee Mentoring 7</b> <b>Grades: 07</b> NA	<b>9940</b>
<b>Media Aide</b> <b>Grades: 06 - 08</b> <p>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.</p>	<b>8116MS</b>	<b>Advisor/Advisee Mentoring 8</b> <b>Grades: 08</b> NA	<b>9941</b>
<b>Study Hall</b> <b>Grades: 06 - 08</b> NA	<b>8124MS</b>	<b>Eng/LangArts 6</b> <b>Grades: 06</b> <p>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.</p>	<b>LA610</b>

### 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

MA840

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

SC620

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

SC720

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

SC722

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

SC820

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

SC822

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.

### Social Studies 6

SS630

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 PreAP

SS732

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 PreAP

SS832

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

SU613

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

SU643

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.