



Art Activity and Appreciation 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).	1010MS	Architecture Building Tech Grades: 06 - 08 Architecture Building Technology offers an introduction to the world of architecture and building construction. Students learn to apply the basic concepts of architectural design. In this class students will design a house, be introduced to computer-aided design and use modeling to learn the sequence and components of residential construction. Safe and proper use of equipment will be integrated in the course.	2010
Art 2 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.	1030MS	Wood Crafts Grades: 06 - 08 Woods Crafts is a hands-on course designed for students to learn the processes and skills to produce quality wood projects. Students will learn measurement, basic joinery, project layout, materials calculation, hand and power tools, basic lamp wiring, construction and finishing techniques. Projects may include a lamp, table, shelving unit, carving project, basic box, bird houses stool, and a lathe project. Creative use of project design and materials is stressed. An emphasis is put on critical thinking, problem solving and quality of work. Safe and proper use of equipment will be integrated in the course.	2011
MS Studio Art 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.	1040MS	Choir 7 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.	2520
Pottery and Sculpture 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.	1045MS	Concert Choir 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.	2540MS
Computer Science Exploration Grades: 07 - 08 In this course, students will explore the foundations of computer science including: how humans use computers to solve problems, cyber security and data analysis, web development, physical computing, robotics, basic programming concepts (coding), as well as ever changing technologies as they arise.	1650	Guitar 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.	2560MS
Design & Technology Explorations Grades: 06 - 08 Design and Technology Explorations is an exciting and fast paced hands-on/minds-on class. Students will explore areas of technology and engineering. 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. 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.	2000	Concert Band 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	2590MS
Innovations in Design & Technology Grades: 06 - 08 Innovations in Design and Technology introduces the development of technology and how it is changing our world. 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.	2001	Concert Orchestra 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	2600MS
Innovations in Design & Technology II Grades: 06 - 08 In Innovations in Design and Technology II students utilize technology and apply it to solve problems in our changing world. 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.	2002		

**Symphonic Band**

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

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

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

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

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

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.

Jazz Band

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.

2610MS**Health**

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.

2620MS**Dance****3094MS**

Grades: 06 - 08

This course will develop and extend the artistic. Affective cognitive and psychomotor potential of all levels of dancers. The students will be provided with opportunities to explore choreograph organize evaluate and perform a variety of dance forms.

2631MS**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.

2639**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.

2644**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.

2649**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.

2889MS**Family & Consumer Sciences Exploration****4020**

Grades: 06 - 08

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.

2889MS**Intro to Culinary Arts****4022MS**

Grades: 06 - 08

This hands on course will develop skills in nutrition and wellness as well as food preparation. Areas of study will include: food safety and sanitation, kitchen safety, food production, nutrition and wellness, meal planning and practical application with food labs. This course will also include career exploration in the food and hospitality industry.



Intro to Fashion Design Grades: 06 - 08 This course will help the beginning fashion designer discover the elements and principles of design, stay current on fashion trends and terms, learn the basics of sketching/design and construct a simple garment.	4027	Spanish Language Arts 3 Grades: 09 - 12 This is a year long Spanish language arts elective course for 8th & 9th grade students who are biliterate in English and Spanish or who are ESL students with a developing literacy in Spanish. This course is especially designed to build on the oral and written foundation in Spanish that students already possess. This course will place emphasis on the formal development of the four basic language skills of speaking listening reading and writing. It includes the development of reading skills in word attack and comprehension basic grammatical concepts written composition and vocabulary development. An appreciation of the culture customs and history of Spanish speaking countries is provided.	4904
World Language Explorations 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.	4510MS		
Spanish Level 1A Grades: 06 - 08 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.	4728MS	Newcomer English Grades: 06 - 08 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.	5009MS
Spanish Level 1B Grades: 06 - 12 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.	4729	English Lang Devel 6 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.	5046
Spanish Language Enrichment Grades: 06 - 08 This course supports middle school students who speak Spanish at home in continuing their reading, writing, and communication skills in Spanish. The curriculum is flexible and adapts to students' needs, focusing on reading and writing skills through culturally relevant materials.	4733	English Lang Devel 7 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.	5047
Spanish Language Arts 1 Grades: 09 - 12 This is a year long Spanish language arts elective course for 7th (8th and 9th this first year) grade students who are biliterate in English and Spanish or who are ESL students with a developing literacy in Spanish. This course is especially designed to build on the oral and written foundation in Spanish that students already possess. This course will place emphasis on the formal development of the four basic language skills of speaking listening reading and writing. It includes the development of reading skills in word attack and comprehension basic grammatical concepts written composition and vocabulary development. An appreciation of the culture customs and history of Spanish speaking countries is provided.	4898	English Lang Devel 8 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.	5048
Spanish Language Arts 2 Grades: 09 - 12 This is a year long Spanish language arts elective course for 8th & 9th grade students who are biliterate in English and Spanish or who are ESL students with a developing literacy in Spanish. This course is especially designed to build on the oral and written foundation in Spanish that students already possess. This course will place emphasis on the formal development of the four basic language skills of speaking listening reading and writing. It includes the development of reading skills in word attack and comprehension basic grammatical concepts written composition and vocabulary development. An appreciation of the culture customs and history of Spanish speaking countries is provided.	4899	Introduction to Technical Theatre Grades: 06 - 08 Discover the magic of theatre in Introduction to Technical Theatre Production. Students will gain hands-on experience in the art of bringing performances to life as they explore: Performance skills, Scene study and analysis, Set design and construction, Prop design and construction, Costume and Makeup design, Sound and Lighting design. Students will participate in a fully staged production as an actor and/or as part of the technical crew. Through collaborative projects and exposure to industry-standard equipment, this class offers a solid foundation for those interested in pursuing careers in the entertainment industry. This class is offered as part of the CTE middle school pathway.	5078

**Yearbook**

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.

Theatre Foundations

Grades: 06

The basic components of this course are: The study of the literature of the theater, reading and analyzing plays, performing scenes, and exploring stagecraft techniques.

Musical Theatre Production

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.

Multimedia Production Explorations

Grades: 06 - 08

This class will focus on ways to deliver information and communicate ideas through the mediums of newspapers television websites blogs podcasts and videos. The course will guide students in the use of photography computers video equipment and other technology used to produce and communicate information.

Algebra 1

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.

5130MS**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.

5229MS**Leadership****7027MS**

Grades: 06 - 08

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.

5237MS**Extended Learning Opportunity****8135MS**

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.

5275MS**Project Unify****8696MS**

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.

6240**Health Science Career Exploration****8864**

Grades: 06 - 08

The Health Science Career Exploration Class is designed to provide middle school students with the opportunity to develop skills and knowledge for health occupations. The class emphasizes medical terminology, basic healthcare skills and basic human anatomy.

6240**Counselor****9099**

Grades: 09 - 12

This course title is used to charge staffing for a counselor.

6240**Enrichment****9932MS**

Grades: 06 - 08

This course provides students with various enrichment activities.

6240**Advisor/Advisee Mentoring 6 SBG****9939SBG**

Grades: 06

This 6th grade course covers multiple standards including AVID standards, Comprehensive Health standards, and ISTE standards.

**Eng/LangArts 6**

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

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

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 Strategic

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

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.

LA610**Eng/LangArts 8 Strategic**

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.

LA618**LA818****Eng/LangArts 8 Strategic**

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

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.

SC620
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.

SC720
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.

SC820
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.

SS630
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.

SS730
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.

SS830
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.

SU613
SU643
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.