

IBMYP ELA 6

LA614

Grades: 06 College Prep: No Credit: 0.000

IBMYP. This course is designed to meet both the Colorado State and PSD Content Standards and the Aims Objectives and Framework for the Middle Years Program of the International Baccalaureate. 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.

IBMYP ELA 6 H

LA615

Grades: 06 College Prep: No Credit: 0.000

This course is recommended for the student who seeks additional information and depth in literature and writing. The curriculum follows the guidelines of the required English 6, adding materials and projects for highly motivated students. Students are offered opportunities to explore a variety of reading and writing and to pursue areas of interest in depth.

IBMYP ELA 7

LA714

Grades: 07 College Prep: No Credit: 0.000

The honors 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.

IBMYP ELA 7 H

LA715

Grades: 07 College Prep: No Credit: 0.000

This course is recommended for the student who seeks additional information and depth in literature and writing. The curriculum follows the guidelines of the required English 7, adding materials and projects for highly motivated students. Students are offered opportunities to explore a variety of reading and writing and to pursue areas of interest in depth.

IBMYP ELA 8

LA814

Grades: 08 College Prep: No Credit: 0.000

This course is recommended for the student who seeks additional information and depth in literature and writing. The curriculum follows the guidelines for the required English 8 adding materials and projects for highly motivated students. Students are offered opportunities to explore a variety of reading and writing and to pursue areas of interest in depth.

IBMYP ELA 8 H

LA815

Grades: 08 College Prep: No Credit: 0.000

This course is recommended for the student who seeks additional information and depth in literature and writing. The curriculum follows the guidelines of the required English 8, adding materials and projects for highly motivated students. Students are offered opportunities to explore a variety of reading and writing and to pursue areas of interest in depth.

IBMYP Eng Lang Devel 6

5046IBMYP

Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Eng Lang Devel 7

5047IBMYP

Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Eng Lang Devel 8

5048IBMYP

Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Multimedia Production Exploration 5275IBMYP

Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Newcomer ELD

5010IBMYP

Grades: 06 - 08 College Prep: No Credit: 0.000

This course is the Extended companion course for 5009MS Newcomer English. 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.

Pro ELA 6-8

SU613

Grades: 06 - 08 College Prep: No Credit: 0.000

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.

Achieve Math

6029

Grades: 06 - 08 College Prep: No Credit: 0.000

This course is intended for students with lagging skills and/or low confidence in math who would benefit from a structured (concrete to representational to abstract), multi-sensory (visual, auditory, tactile, kinesthetic) approach to learning. Lessons will focus on a limited number of essential topics instead of keeping pace with the student's grade-level math class in order to give students sufficient time for in-depth learning of concepts and skills and to develop confidence.

Algebra 1 **6230**
Grades: 06 - 12 College Prep: No Credit: 10.000

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 College Prep: No Credit: 10.000

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.

IBMYP Math 6 **MA642**
Grades: 05 - 06 College Prep: No Credit: 0.000

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.

IBMYP Math 6/7 **MA647**
Grades: 06 College Prep: No Credit: 0.000

This course differs from the 6th Grade course in that it contains content from 7th grade. While coherence is retained, in that it logically builds from the 5th Grade, the additional content when compared to the 6th Grade course demands a faster pace for instruction and learning. 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.

IBMYP Math 7 **MA742**
Grades: 07 College Prep: No Credit: 0.000

In this course students will gain an understanding about and be able to apply rational numbers. Students will explore ratios and proportions to develop an understanding of linear functions and be able to solve single-variable equations. They will compare data distributions and be able to compare differences between populations. Finally, students will analyze geometric figures, calculating area, surface area, and volume. 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

IBMYP Math 7/8 **MA747**
Grades: 06 - 07 College Prep: No Credit: 0.000

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.

IBMYP Math 8 **MA842**
Grades: 08 College Prep: No Credit: 0.000

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.

IBMYP Newcomer Math 6-8 **6370IBMYP**
Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Study Skills Math 6 **6027IBMYP**
Grades: 06 College Prep: No Credit: 0.000

Math Skills 6 is designated as a support class for 6th grade students. This course is supplemental to the core 6th grade mathematics class. It is designed as a refresher class for students that may need extra support in basic skills and concepts.

IBMYP Study Skills Math 7 **6031IBMY**
 Grades: 07 College Prep: No Credit: 0.000

Math Level 7 is a continuation of multiplication and division of whole numbers all operations on fractions and decimals and of concepts introduced at the elementary level. Ratio proportion and percents are introduced as well as some basic concepts of geometry and algebra. Emphasis will be placed on mathematical reasoning solving mathematical problems and being able to communicate this information to others.

IBMYP Study Skills Math 8 **6080IBMY**
 Grades: 08 College Prep: No Credit: 0.000

Math Skills 8 is designated as a support class for 8th grade students. This course is supplemental to the core 8th grade mathematics class. It is designed as a refresher class for students that may need extra support in basic skills and concepts. Support topics may include but are not limited to modeling linear functions solving multi-step equations displaying data and using measures of central tendencies counting techniques radical expressions Pythagorean relationships and geometric concepts.

Pro Math 6-8 **SU643**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Art 1 **1020IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

This course offers further development of the elements of art and the principles of design. A wide variety of art activities are designed to increase the student's knowledge of art media techniques terminology and appreciation of aesthetics and art styles. Critical thinking skills are emphasized as students do drawings paintings sculpture printmaking ceramics fiber projects and computer graphics.

IBMYP Art 2 **1030IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Art Exploration **1010IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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).

IBMYP Pottery & Sculpture **1045IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Band 6 **2639IBMY**
 Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP Band 7 **2590IBMY**
 Grades: 07 College Prep: No Credit: 0.000

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

IBMYP Band 8 **2610IBMY**
 Grades: 08 College Prep: No Credit: 0.000

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.

IBMYP Modern Band MS **2845IBMY**
 Grades: 07 - 08 College Prep: No Credit: 0.000

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

IBMYP Orchestra 6 **2644IBMY**
 Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP Orchestra 7 **2600IBMY**
 Grades: 07 College Prep: No Credit: 0.000

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

IBMYP Orchestra 7/8 **2601IBMY**
 Grades: 07 - 08 College Prep: No Credit: 0.000

This class provides a strong musical experience 7th and 8th graders. This course is designed for intermediate as well as advanced string players. Intermediate and Advanced techniques of bowing fingering and tone production are pursued through the study of music ranging from Early Baroque through contemporary and popular styles. Literature studies is of intermediate difficulty. The group may perform as both as a string ensemble and as a symphony orchestra by combining woodwinds brass and percussion from the 7/8th Band. Performances are required.

IBMYP Orchestra 8 **2620IBMY**
 Grades: 08 College Prep: No Credit: 0.000

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.

IBMYP Choir 6 **2649IBMY**
 Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP Choir 7 **2520IBMY**
 Grades: 07 College Prep: No Credit: 0.000

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.

IBMYP Choir 8 **2533IBMY**
 Grades: 08 College Prep: No Credit: 0.000

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they can perform a variety of styles. These courses are designed to develop students' vocal techniques and their ability to sing parts.

IBMYP Advisory 6-8 **9939IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000
 NA

IBMYP AVID 6 **4042IBMY**
 Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP AVID 7 **4043IBMY**
 Grades: 07 College Prep: No Credit: 0.000

Advancement Via Individual Determination A.V.I.D. is a sequential foundational organizational curriculum intended for 7th 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.

IBMYP AVID 8 **4044IBMY**
 Grades: 08 College Prep: No Credit: 0.000

Advancement Via Individual Determination A.V.I.D. is a sequential foundational organizational curriculum intended for 8th 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 High School A.V.I.D. program.

IBMYP Broadcasting 1 **5284IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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

IBMYP Dance **3097IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Drama 7 **5073IBMY**
 Grades: 07 College Prep: No Credit: 0.000

This class provides an introductory experience to creative dramatics.

IBMYP Drama 7/8 **5077IBMY**
 Grades: 07 - 08 College Prep: No Credit: 0.000

This class provides an introductory experience to creative dramatics.

IBMYP Drama 8 **5074IBMY**
 Grades: 08 College Prep: No Credit: 0.000

This class provides an introductory experience to creative dramatics.

IBMYP Study Skills 6-8 **SU604**
 Grades: 06 - 08 College Prep: No Credit: 0.000

Study Skills courses prepare students for success in academic content. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

IBMYP Study Skills ELA 6 **8736IBMY**
 Grades: 06 College Prep: No Credit: 0.000

Language Arts Study Skills courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

IBMYP Study Skills ELA 7 **8826IBMY**
 Grades: 07 College Prep: No Credit: 0.000

Language Arts Study Skills courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

IBMYP Study Skills ELA 8 **8946IBMY**
 Grades: 08 College Prep: No Credit: 0.000

Language Arts Study Skills courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Student Council **8104MS**
 Grades: 06 - 08 College Prep: No Credit: 0.000

In Student Council students will learn and practice all areas of leadership. They will become skilled in the art of leadership and work as a team to create positive change and exciting activities for school. It is expected that students will fulfill a course requirement of numerous extra hours outside of the normal school day working on Council activities

IBMYP Adapted PE 6-8 **3099IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Fitness & Wellness **9520IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

The course integrates the basic components of fitness and wellness in understanding human health in order to achieve wellbeing. This course offers current information in the health field and provides self-assessments for health risks and wellness behaviors. This includes lifestyle modification, nutrition, weight management, stress management, cardiovascular and cancer risk reduction, exercise and aging, exercise related injury, exercise and the environment, prevention of sexually transmitted diseases, substance abuse (including tobacco, alcohol and other psychoactive drugs), and analysis and interpretation of research publications and websites in health and wellness.

IBMYP PE 6 **3500IBMY**
 Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP PE 7 S1 **3505S1IB**
 Grades: 07 College Prep: No Credit: 0.000

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.

IBMYP PE 7 S2 **3505S2IB**
 Grades: 07 College Prep: No Credit: 0.000

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.

IBMYP PE 7/8 S1 **3506IBMY**
 Grades: 07 - 08 College Prep: No Credit: 0.000

This is an activity course designed around developing physical fitness and wellness desirable social traits knowledge of a variety of activities and developing motor skills. 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. This course offered in 1st semester and changes according to appropriateness of activities in fall. Scoliosis screening occurs during the year accomplished by PSD nursing and physical education staff.

IBMYP PE 7/8 S2 **3506IBMY**
 Grades: 07 - 08 College Prep: No Credit: 0.000

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. The variety of core activities includes bicycling 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. This course offered in the 2nd semester and changes according to appropriateness of activities in the spring. Scoliosis screening occurs during the year accomplished by PSD nursing and physical education staff.

IBMYP PE 8 S1 **3525S1IB**
 Grades: 08 College Prep: No Credit: 0.000

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.

IBMYP PE 8 S2 **3525S2IB**
 Grades: 08 College Prep: No Credit: 0.000

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.

IBMYP Newcomer Sci 6-8 **6504IBMY**
 Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Science 6 **SC624**
 Grades: 06 College Prep: No Credit: 0.000

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

IBMYP Science 7 **SC724**
 Grades: 07 College Prep: No Credit: 0.000

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.

IBMYP Science 8 **SC824**
Grades: 08 College Prep: No Credit: 0.000

This Coordinated science course is level three of five levels and is designed to meet both the Colorado State and PSD Content Standards and the Aims Objectives and Framework for the Middle Years Program of the International Baccalaureate. The major topics covered include: study skills atomic theory atomic classification chemical bonding scientific measurement solution chemistry chemical cycles earthscapes spacescapes gravity motion energy mechanics electricity and magnetism.

IBMYP Newcomer SS 6-8 **7014IBMY**
Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Soc Studies 6 **SS634**
Grades: 06 College Prep: No Credit: 0.000

This course is designed to meet both the Colorado State and PSD Content Standards and the Aims Objectives and Framework for the Middle Years Program of the International Baccalaureate. 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.

IBMYP Soc Studies 7 **SS734**
Grades: 07 College Prep: No Credit: 0.000

This course will teach students how to organize and analyze geographic information. The course content includes both physical and cultural geography as well as analyzing human organization and its environmental consequences. Students will investigate specific cultures from Africa Asia Europe the Middle East and South America.

IBMYP Soc Studies 8 **SS834**
Grades: 08 College Prep: No Credit: 0.000

The honors 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

IBMYP Spanish 1B **4729MY**
Grades: 06 - 12 College Prep: No Credit: 10.000

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.

IBMYP Spanish Level 1A Gr 6 **4728MYA6**
Grades: 06 College Prep: No Credit: 0.000

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.

IBMYP Spanish Level 1A Gr 7 **4728MYA7**
Grades: 07 College Prep: No Credit: 0.000

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.

IBMYP Spanish Literacy 2A **4912AIBM**
Grades: 06 - 12 College Prep: No Credit: 0.000

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.

IBMYP Spanish Literacy Intro 1 **4911IBMY**
Grades: 06 - 08 College Prep: No Credit: 0.000

This middle school class is intended for students with good Spanish language comprehension but limited literacy skills. Students will improve their communication and literacy skills of reading and writing. Students gain an amplified vocabulary and enhanced understanding of fundamentals of Spanish grammar. This course addresses the World Language standards of communication culture connections and comparisons.

Spanish Literacy 2B **4912B**
Grades: 06 - 08 College Prep: No Credit: 10.000

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.

Spanish Literacy 3 **4913**
Grades: 09 - 12 College Prep: No Credit: 10.000

This high school course is intended for Spanish-speaking students to improve and enrich literacy skills of reading and writing proficiency. Students receive instruction in reading comprehensions skills and strategies through Spanish literature selections. They also refine and improve skills that allow them to write for a wide range of purposes and a variety of audiences. This course addresses the World Language standards of communication culture connections and comparisons.

IBMYP Design & Technology Exploration: 2000IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Engineering Brightness 2225
Grades: 07 - 08 College Prep: No Credit: 0.000

Engineering Brightness merges engineering and compassion to make the world brighter. Students will implement design thinking, 3D printing, and soldering to create a hand held solar powered lanterns. Students will also experience humanities through: cultural and language learning.

IBMYP Innovations in Design & Technolo: 2001IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

Innovations in Design and Technolgy 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.

IBMYP Innovations in Design & Technolo: 2002IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

In Innovations in Design and Technolgy 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.

IBMYP Robotics Engr 1 2003IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

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.

IBMYP Advanced Outdoor Living 4056IBMY
Grades: 08 College Prep: No Credit: 0.000

No Prerequisite This course is for the student who enjoys and appreciates outdoor activities. Topics include: safe outdoor living/survival skills environmental ethics (rules) preparations for outdoor living shopping smarts recreational/leisure choices and career resources. Class activities will encourage the student to develop new interests for leisure time. Students will be responsible for cost of any project.

IBMYP Outdoor Living 4050IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

No Prerequisite This course is for the student who enjoys and appreciates outdoor activities. Topics include: safe outdoor living/survival skills environmental ethics (rules) preparations for outdoor living shopping smarts recreational/leisure choices and career resources. Class activities will encourage the student to develop new interests for leisure time. Students will be responsible for cost of any project.

IBMYP Aviation and Aerospace 2013IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

Aviation and Aerospace is a STEM based course, where students will learn the basics of flight. We will explore how aviation technology has impacted our society. Students will examine the properties of air, weight, distribution, and pressure as they attempt to build gliders and small airplanes. While designing solid-fueled rockets, the student will investigate the forces that effect rockets. Lighter-than-air vehicles will also be introduced as the students study buoyancy through investigative research and data collection. There will also be an opportunity to learn how to fly an actual plane while working with our flight simulator program. A field trip to the Air and Space museum in Denver is also a possibility for the course.

IBMYP Digital Design 1220IBMY
Grades: 09 - 12 College Prep: No Credit: 0.000

In this course, students will be exposed to techniques, equipment, materials, and media used in graphic design. The students will explore the creative approach to design problems using a variety of media and techniques. Digital citizenship, multimedia & presentation, and information literacy will be components of the wide variety of graphic design problems that students must solve. Creative projects may include advertising, Photoshop, videogame design, and vlogging (video blogging). Critical thinking skills will be emphasized.

IBMYP Coding 1800IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

Have fun coding a variety of programs, devices, and publishing the web while learning techniques in image editing, design, animation, Javascript/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.

IBMYP Innovations in Computer Science 1600IBMY
Grades: 06 - 08 College Prep: No Credit: 0.000

In this course,students will explore computer science concepts and computational thinking. Concepts covered include: cyber security, coding, HTML web development, applied digital skills, Microsoft and Google applications, 3D printing, simple circuitry, robotics, and artificial machine learning.

IBMYP Web 2.0 Comp Tech 6 1602IBMY
Grades: 08 College Prep: No Credit: 0.000

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.