Canyon Park Middle School
KNIGHTS
7th Grade

Excellence

Responsibility

Community

Respect

Course Catalog
2019/2020

Canyon Park Middle School will provide a learning community that is challenging, equitable, empowering, and developmentally responsive to prepare students for high school and beyond.

CANYON PARK ADMINISTRATION

Principal	**Mr. Sebastian Ziz**	(425) 408-6301 sziz@nsd.org
Assistant Principal	**Ms. Amber Pacquer**	(425) 408-6303 apacquer@nsd.org

CANYON PARK COUNSELING AND GUIDANCE

Students last name A-D	**Ms. Lizzie Ward**	(425) 408-6354 eward@nsd.org
Students last name E-M	**Ms. Elizabeth Methot**	(425) 408-6313 emethot@nsd.org
Students last name N-Z	**Mr. Paul Narancic**	(425) 408-6321 pnarancic@nsd.org
School Psychologist	**Ms. Desiree Dutt**	(425) 408-6320 ddutt@nsd.org

STUDENT DAY

Students will still have six classes each semester. A semester is half of the school year (18 weeks). We run our classes on a "block schedule," where students will only go to three long periods every other day on full-length days. On early release days, students will attend all six classes. On full-length days, students will also have a Round Table period at the beginning of the day for doing homework and other school activities. Listed below are the requirements for students in grades 6-8 attending middle schools in the Northshore School District.

Grade 6

2	Sem	English
2	Sem	History
2	Sem	Science
2	Sem	Math
1	Sem	Health/Fitness
3	Sem	Elective Wheel

Grade 7 and 8

2	Sem	English
2	Sem	History
2	Sem	Science
2	Sem	Math
1	Sem	Health/Fitness
3	Sem	Electives

Block Schedule

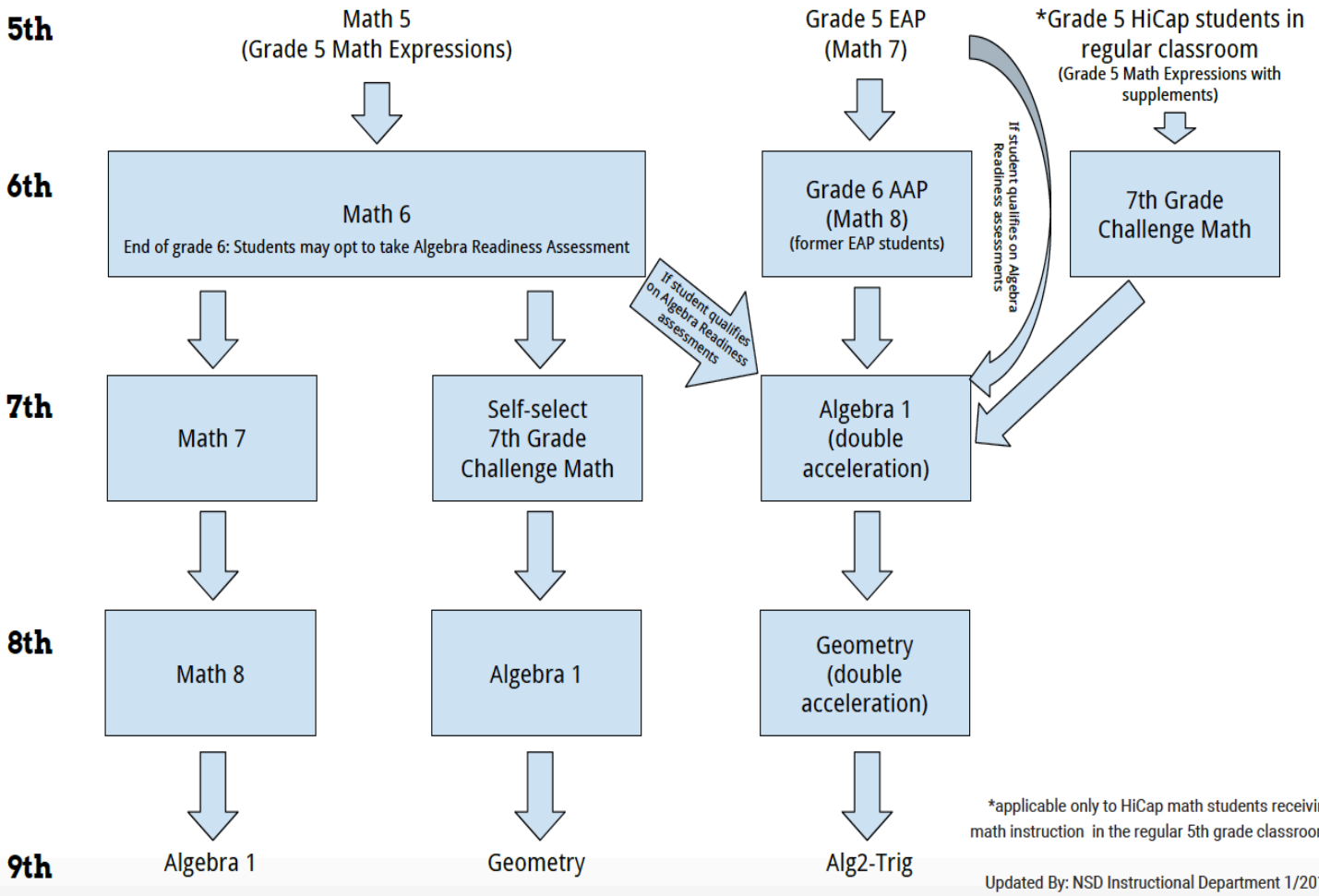
Mon/Thurs	Tues/Fri
Round-Table	Round-Table
1st Period	4th Period
2nd Period	5th Period
Lunch	Lunch
3rd Period	6th Period

REGISTRATION TIPS

Availability of your choices depends on how many students choose each class and if your choices fit together in the schedule. Selecting alternate choices is very important. Students who do not chose alternates will have alternates chosen for them.

Registration choices are year-long commitments. Only extenuating circumstances will be considered for switching classes, even at semester. Expect to keep your schedule as is.

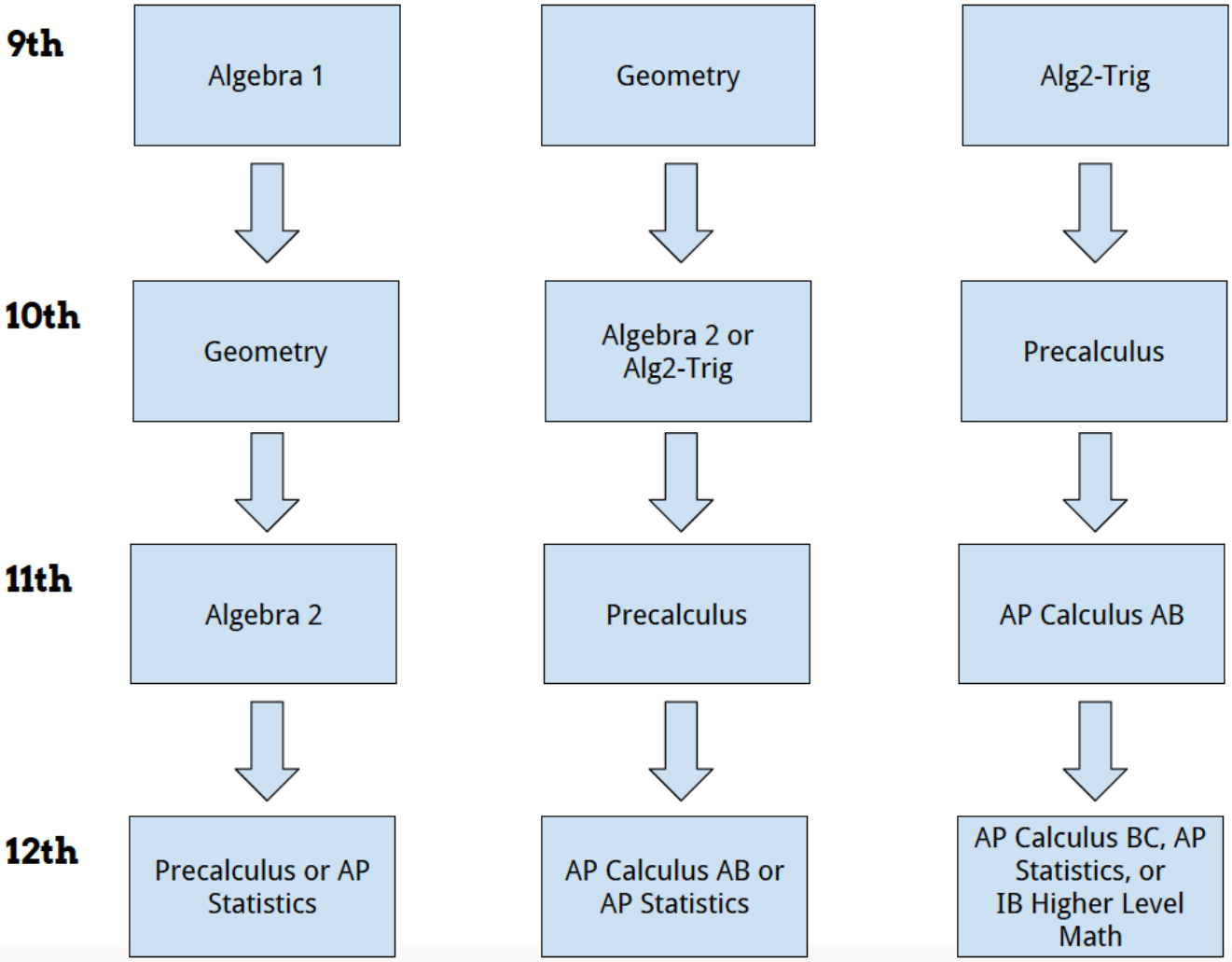
Middle School Mathematics



*applicable only to HiCap math students receiving math instruction in the regular 5th grade classroom.

Updated By: NSD Instructional Department 1/2018

High School Mathematics



Created By: NSD Instructional Department 9/2016

REQUIRED COURSES

7th GRADE ENGLISH/LANGUAGE ARTS

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in the 6th grade, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work.

The 7th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. Seventh grade course materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of a novel and a Shakespearean play. Seventh graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

7th GRADE MATH

Equipment: A basic calculator is required.

This course aligns to the Grade 7 Common Core State Standards for Mathematics and prepares students for the Smarter Balanced state math assessments. The course builds upon the work done with fractions and decimals to include operations with positive and negative rational numbers. Students will extend their understanding of ratios to study proportionality, similarity, percent and probability. Students will extend their experience displaying and interpreting data to include comparing data sets, drawing conclusions and analyzing statistical studies. Other topics that will be covered are angle relationships in geometry, surface area and volume for three-dimensional figures, and solving two-step linear equations and inequalities. Students will continue to develop problem solving, reasoning of proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

INTEGRATED SCIENCE 7

Based on the Next Generation Science Standards (Washington State Student Learning
Standards) performance expectations for middle school science, students will engage in science
and engineering practices as they learn about disciplinary core ideas through three critical
strands--physical science, life science and earth/space science. Specific units of study will
include electricity, waves and information transfer, genes and molecular machines, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations.

WA STATE HISTORY 7

Note: Passing one semester of Washington State History is a high school graduation requirement.

Students will use maps, charts and other geographical tools as they explore the five themes of geography. Other unit include Native Americans in the Pacific Northwest, European Exploration and early settlement of Washington, the journey from territory to statehood, and Washington State's industrial growth. State government, economics and trade in the modern state and the world will also be studied.

This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies course work.

HEALTH AND FITNESS 7 (semester course)

Health and Fitness will emphasize health related fitness, sports' skills and lifetime activities. Students will participate in a variety of team and individual sports/activities. Grade level includes a fitness awareness program and a weekly fitness run or fitness related activity. Through participation in this course, students will be working to satisfy the district and state Class of 2022 Health and Fitness standards. This course may include, but is not limited to the following team and individual sports/activities: badminton, basketball, conditioning, volleyball, softball, soccer, organized games, dance, disc sports, fitness, and lacrosse. (First semester classes will include square dancing)

CHALLENGE OPTION

CHALLENGE 7TH ENGLISH/LANGUAGE ARTS

This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards in the 6th grade, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of E/LA course work. The 7th grade E/LA SpringBoard curriculum extends the development of reading, composition, and speaking skills. Seventh grade course materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of a novel and a Shakespearean play. Seventh graders stretch their composition skills by responding to analytical writing prompts. Students actively participate in text-based class discussions and study vocabulary to enhance their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

In addition to the course description above, students taking this course must exhibit strong writing skills, have excellent reading comprehension, and be self-motivated in completing class work. The Challenge 7th Grade E/LA class may move at a faster pace and include additional novels to be read independently by the student.

7TH GRADE CHALLENGE MATH

Equipment: A basic calculator is required.

This course is designed for a student preparing to take Algebra during their 8th grade year and prepares students for the Smarter Balanced state math assessments. This course is the first year of a two-year sequence that compresses all of the Common Core State Standards for 7th grade math, 8th grade math, and Algebra 1 in two years. The course builds upon the work done with fractions and decimals to include operations with positive and negative rational numbers. Students will extend their understanding of ratios to study proportionality, similarity, slope and probability. Students will solve a variety of linear equations and inequalities. Students will extend their experience displaying and interpreting data to include comparing data sets, drawing conclusions and analyzing statistical studies. Other topics that will be covered are linear functions, surface area and volume for three-dimensional figures, angle and line relationships in geometry, and transformations. Students will continue to develop problem solving, reasoning and proof, communication, and mathematical modeling skills aligned to the Standards for Mathematical Practice.

7TH GRADE CHALLENGE WA STATE HISTORY

Note: Passing one semester of Washington State History is a high school graduation requirement.

Students will use maps, charts and other geographical tools as they explore the five themes of geography. Other unit include Native Americans in the Pacific Northwest, European Exploration and early settlement of Washington, the journey from territory to statehood, and Washington State's industrial growth. State government, economics and trade in the modern state and the world will also be studied.

This course addresses the Common Core State Standards for History, prepares the students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful progression of learning to the next grade level of Social Studies course work.

In addition to the course description above, students taking this course will participate in at least one major performance-based project that will require outside research and work time. As a result, the course may move at a faster pace. This course requires a high-level of reading, writing, listening, discussing and critical thinking skills. Students must have strengths in these core skills and be self-motivated to meet the high expectations of this class.

CHALLENGE INTEGRATED SCIENCE 7

Based on the Next Generation Science Standards (Washington State Student Learning
Standards) performance expectations for middle school science, students will engage in science
and engineering practices as they learn about disciplinary core ideas through three critical
strands--physical science, life science and earth/space science. Specific units of study will
include electricity, waves and information transfer, genes and molecular machines, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations.

In addition to the course description above, students taking this course must exhibit strong mathematical, verbal, and writing ability. They need to be self-motivated in completing class work. The Integrated Seventh Grade Science class may move at a faster pace and level of complexity, and include work to be completed independently by the student.

AAP OPTIONS

****Students must qualify for placement by participating in the EAP program in elementary school or through a highly capable application and testing process, which is initiated in the fall at the District. This is not a self-select course: students will be individually scheduled for this course.**

AAP 7TH ENGLISH/LANGUAGE ARTS

This course meets the Common Core State Standards, and establishes the skills necessary for a successful progression of learning for advanced E/LA course work. This course builds upon previous learning of the Common Core State English/Language Arts (E/LA) Standards, prepares students for the Smarter Balanced State Assessments, and establishes the skills necessary for a successful transition to the AAP/Highly Capable English 8 class.

The 7th grade Challenge E/LA curriculum extends the development of reading, composition, and speaking skills. Seventh grade Springboard materials center upon the theme of **Choice**. Using Advanced Placement (AP) strategies, students are taught to analyze complex fiction and nonfiction from a variety of genres, including longer literary studies of novels and a Shakespearean play, and includes a selection of novels students can choose for independent reading. 7th graders expand their composition skills by responding to AP style writing prompts. Students actively participate in text-based class discussions and study vocabulary to expand their writing, reading, and speaking skills. Each unit culminates in two comprehensive Embedded Assessments.

Note: Students who enroll by choice in an advanced E/LA class do so with the understanding that novels will be more sophisticated and will be read at a higher level of maturity than novels in the general education English/Language Arts course. Alternate reading assignments are not provided for students enrolled in these choice E/LA courses.

AAP INTEGRATED SCIENCE 7

This course is intended for students who demonstrate an outstanding aptitude and interest in science, and exhibit strong mathematical, verbal and writing ability. Students will be expected to read complex texts, and must be self-motivated and committed to investing time outside of the classroom studies.

Based on the Next Generation Science Standards (Washington State Student Learning Standards) performance expectations for middle school science, students will engage in science and engineering practices as they learn about disciplinary core ideas through three critical

strands--physical science, life science and earth/space science. Specific units of study will

include electricity, waves and information transfer, genes and molecular machines, and earth's dynamic systems. Students will incorporate cross-cutting concepts (e.g. patterns, systems, etc.) that support scientific understanding and are applicable across science investigations. Students will engage in the same content area as 7 th Grade Integrated Science with enrichment and a deeper level of complexity. Students should have the desire to continue to academically advanced science courses.

AAP 7TH GRADE WA STATE HISTORY

Note: Passing one semester of Washington State History is a high school graduation requirement.

In addition to the 7th grade Social Studies course description above, students taking this course will participate in at least one major performance-based project that will require outside research and work time. As a result, the course may move at a faster pace.

AAP classes include readings and Socratic seminars designed to encourage and develop high level dialogue on issues important to WA State.

Algebra 1

Required: Completion of Holt Course 3 OR
7th Grade Challenge Math OR
Completion of an 8th Grade Accelerated Summer Math Course. Students considering this option should contact their school counselor.
Recommended: "B" or better in 7th Grade Challenge Math or 8th Grade Accelerated Math

Equipment: A scientific calculator is required. The Texas Instrument TI-83 or TI-84 family of graphing calculators is strongly recommended.

This class is the second course in a two-year sequence that compresses all of the Common Core State Standards for 7th grade math, 8th grade math, and Algebra 1 in two years. Students need to be highly self-motivated, as this course includes topics from 8th grade and all of the Algebra concepts in a first-year high school course. This course expands on the students understanding of using arithmetic operations and properties to include the symbolic language of algebra. Students will formalize their understanding of functions with a focus on linear functions, exponential functions and quadratic functions. Other topics that will be studied are writing equations to model linear equations, solving systems of linear equations and inequalities, solving quadratic equations with real roots, exponent laws and properties, arithmetic and geometric sequences, patterns of association in bivariate data, and the Pythagorean Theorem.

ELECTIVE COURSES

*****Please do not let elective course fees get in the way of choosing the class you want.**
If your family needs assistance, please speak with your counselor. ***

CHOIR (full year)

This year-long course provides a variety of singing opportunities for beginning singers. It is an introduction to vocal choral music and a preparatory experience for the Advanced Choir. Vocal techniques and music reading are emphasized, and students are given the opportunity to explore various musical sources and styles. Much emphasis is placed on providing a positive musical experience to students through class activities. The Beginning Chorus has three to four required evening concerts, school assemblies, solo and small group performances, and field trips.

BAND (full year)

For students desiring to play a band instrument (woodwind, brass, or percussion). Students will build upon knowledge of musical concepts, vocabulary, skills and techniques as it relates to their specific instrument and their role within the large performing ensemble.

- No experience required for beginning students; students with less experience may be offered occasional tutoring.
- School assembly performances
- Participate in the Solo/Ensemble festival
- Three or more evening concerts
- Includes leadership components
- Combined concerts with BHS and other schools
- Annual field trips and fun festival participation

ORCHESTRA (full year)

For students desiring to play a string instrument (violin, viola, cello, or string bass). Students will build upon knowledge of musical concepts, vocabulary, skills and techniques as it relates to their specific instrument and their role within the large performing ensemble.

- No experience is required for beginning students; students with less experience may be offered occasional tutoring
- School assembly performances
- Participate in the Solo/Ensemble festival
- Three to four required evening performances
- Includes leadership components
- Combined concerts with BHS and other schools
- Annual field trips and fun festival participation

BEGINNING DRAMA (semester)

- Develop confidence and stage presence
- Have fun learning to develop character
- Work with literature and improvisation
- Learn oral presentation skills that you can use in other classes
- Audition/memorize parts
- Teamwork to produce and present dramatic productions for an audience
- Large majority of class time will be spent practicing presented material
- One in-school presentation and one evening production

ADVANCED DRAMA (full year)

- In this class we will do three full-scale productions, including a musical.
- Students will participate in school assemblies
- All aspects of theater are covered, including lighting, scenery, and costume design.
- Learn to improve your acting skills, develop character; participate in improve activities.

ELECTIVE COURSES

VIDEO PRODUCTION (semester)

- Work on school podcasts, sports, music, drama, and concert videos
- Use the latest video and audio capture tools in a state-of-the-art video studio
- Open to all 7th and 8th grade students, first or second semester or all year
- May be taken more than one semester

VIDEO PRODUCTION (full year)

- Offers students a chance to gain experience in production media techniques online, along with all phases of digital photography and videography
- Produce the Weekly Online Video Bulletin from Studio 118
- Produce and edit special announcement videos
- Publish the CPMS Yearbook
- Manage all advertising and marketing of the Yearbook

COMPUTER APPLICATIONS (semester)

This course builds on the nine weeks of TechSmart Coding that 6th graders already learned. Students will learn more advanced Python coding skills, including the use of graphical elements and functions. Coding projects will be more complex and involve more student choice, as students learn ways to customize programs and create mini games.

EXPLORING TECH I (semester)

Students will be engaged in STEM (Science, Technology, Engineering and Design) projects. This is a hands-on class that will teach product design while using a variety of tools and power equipment. Projects will include computer-aided design (CAD), computer-controlled manufacturing (CNC), structures and mechanisms. Students will gain an understanding of safe shop practices while learning the design process.

Exploring Tech II (semester)

Exploring Technology I is a prerequisite for this class. Students will be engaged in STEM (Science, Technology, Engineering, and Design) projects while continuing to learn the design process. Projects will be hands on and constructed using a variety of materials that could include wood, metal or plastic. Units of study include energy & power, structures, CNC manufacturing and 3D modeling. Students will learn and demonstrate safe production practices through the use of tools and power equipment.

Robotics Foundations (semester)

- Students will build and program a LEGO Mindstorm EV3 Robot to simulate real-world robots.
- Learn how to use light, sound, touch, and ultrasonic sensors to control the robot's movements.
- Flowchart the robots desired movements to aid in programming robotic solutions.
- Maintain a portfolio of work for reference.

Foundations of Computer Aided Drafting/Design(semester)

- Students will learn Rhinoceros 5.0 a computer aided drafting/design program
- Develop 2D and 3D basic computer drafting skills
- Develop problem solving skills while learning about current technology
- Students may interface 2D and 3D designs with 3D printers, laser cutter, and CNC vinyl cutter

ELECTIVE COURSES

INTRODUCTION TO VISUAL ARTS 7/8 (semester) $15 Course Fee

Students will explore different art techniques and mediums. This introductory class is a good starting point for all students. The class focuses on the elements of art and may include projects with such varied medium as pencils, pen and ink, paint, ceramics, colored pencils and oil pastels. We will develop skills to know how to look at art with the eye of an artist.

ART 7/8 (Semester) $15 Course Fee

It is recommended that students take Intro to Visual Arts before taking this class. Learn how artists use the elements of arts to create works of art that are interesting and meaningful. We will create both 2D and 3D works. Medium may include pencils, paints, printing, computer aided art, ceramics, pen and ink and oil pastels. We will also improve the skills needed to understand art.

ART 7/8 (full year) $25 Course Fee

Spend a full year in the art studio! A yearlong class offers more opportunities for creative expression and a wider range of possible projects. Medium may include pencils, paint, ceramics, colored pencils, printing, computer aided art, and oil pastels. Students who are willing to try new things, work hard to express themselves and support peers in creative endeavors will be most successful in this class.

LEADERSHIP (semester)

The characteristics of a successful leader can be identified and learned. The old saying that "leaders are born and not made" does not hold true. You are born with gifts and talents; however, your character is built every day. This course is designed to give you the opportunity to learn the ways in which to become a successful leader in CPMS, future careers, and your community. You will learn methods and techniques for planning and implementing school improvements in addition to building yourself as a leader.

- You will represent student voice and contribute to positive school changes.
- You will engage in discussions and activities to prepare you for leadership in college
- and the career world.
- You will have opportunities to design, develop, and implement service-learning school projects and events all around campus.

ASSISTANTSHIPS (semester)

Students will receive pass (P) or fail (F) grades in assistantship courses. Students must be "hired" for positions. Students in these positions must demonstrate confidentiality, reliability, and good independent work ethic. Please see your counselor if you are interested in an assistant position

- Library Assistant
- Office Assistant
- Teacher Assistant

PEER TUTORING (semester)

Providing assistance with academic skills to help students "learn how to learn" and succeed independently. Based on the direction of the teacher and classroom assigned, this might include: checking student work, offering encouragement or feedback, reteaching specific skills, or monitoring students as they practice. If you are skilled in a specific content area AND enjoy teaching/coaching/helping others, Peer Tutoring might be a good elective choice for you. You would be assigned to a content area that is a strength for you, at a grade level lower than your own.

ELECTIVE COURSES

FITNESS GAMES (semester)

Be ready to move and play! There is an emphasis on activity through various games such as:

- Capture the flag
- Team handball
- Tag games

A combination of team games, partner/small group, and individual activities are included. (square dancing will be included first semester only)

TEAM SPORTS - (semester)

This course will include an introduction to various sports.

- Emphasis on skills, strategy and game play for the beginning to intermediate level player. Activities may include, but are not limited to:
- Flag football
- Softball
- Volleyball
- Badminton
- Pickleball
- Soccer
- Ultimate Frisbee
- Basketball
- Lacrosse
- Square Dancing (first semester only)
- Team Handball

YOGA/PILATES - (semester)

- Participate in specific yoga/Pilates exercises, breathing techniques, and poses designed to build strength and increase flexibility
- Develop a practical understanding of how to use yoga/Pilates to maximize your flexibility and strength, while protecting your body throughout life
- Square dancing will be included (first semester only)