

Alder Grove Spring 2026 On Campus Class Descriptions

Monday/Wednesday Middle School Classes

MS Earth Science (Grade 6, yearlong, 2 days a week)

This middle school science class is designed to introduce 6th graders to our two day per week in person science classes. Students will cover the Next Generation Science Standards by studying concepts in Earth History using the FOSS science curriculum designed by the Lawrence Hall of Science at UC Berkeley. While on campus students will be expected to participate in hands-on and inquiry based science labs and investigations, participate in group discussions, and collaborate with their fellow classmates. Reading and writing tasks are assigned as homework.

MS Life Science (Grade 7, yearlong, 2 days a week)

This middle school class is designed for 7th graders to build on what they learned in Earth Science and will use the FOSS science curriculum developed by the Lawrence Hall of Science at UC Berkeley and is in alignment with the Next Generation Science Standards. While on campus students will be expected to participate in hands-on and inquiry based science labs and investigations, participate in group discussions, and collaborate with their fellow classmates. Reading and writing tasks are assigned as homework.

MS Physical Science (Grade 8, yearlong, 2 days a week)

This year-long class will cover all of the concepts expected of a middle school physical science class, including: Controlled experiments, Periodic table of the elements, Laws of motion, Properties of waves, Electromagnetic spectrum. We will use Oak Meadow Physical Science Book, and students will be expected to read and answer questions found in this book each week at home. Class time will be spent almost entirely on lab activities, review of complicated concepts, and exams. In addition, students will be assigned at least one project (such as a model or written report) and one presentation each semester. Regular attendance, internet, and the ability to work at home in a textbook is what is needed to succeed in this class!

Math 4-5 (Grades 4-6, yearlong, 2 days a week)

This class is a full year combo course covering both 4th and 5th grade curriculum. Students will meet twice weekly for 70 minutes. Students will learn place value, decimals, multi digit multiplication and division, fractions and geometry. Students will complete class work, homework and play math games to build skills.

Math 6 (Grades 5-8, yearlong, 2 days a week)

Students will meet twice weekly for 70 minutes. Students will listen to lectures, complete classwork and homework. Students will complete 8 units covering area, surface area, ratios, rates and percentages, fractions, decimals, expressions and equations, rational numbers, coordinate planes, statistics, and distributions.

Math 7 (yearlong, 2 days a week)

This is a continuation of Math 6, using Glencoe Math Course 2 curriculum. Students will be introduced to prior learned and new math content including: Semester 1: Ratios and Proportional Reasoning, Percents, Integers, Intro to Rational Numbers
Semester 2: Rational Numbers, Algebraic Expressions, Equations and Inequalities, Geometric Figures, and Intro to Probability.

Math 8 (yearlong, 2 days a week)

This is a continuation of Math 7, using Glencoe Math Course 3 curriculum. Students will be introduced to prior learned and new math content including: Semester 1: Real Numbers, Equations in One Variable, Equations in Two Variables, Functions

6th & 7th Grade History (yearlong, 2 days a week)

This seventh grade history class will visit empires of the past, and will span from Roman city states all the way up to the Enlightenment. Learn about the Roman Empire, The Byzantines. Genghis Khan, Persian empires, and why the Great Wall of China was built. Learn about Leonardo da Vinci, ninjas, Japanese shoguns and the vast Ottoman and African Empires. Witness power struggles between kings and popes, understand the Italian Renaissance, and visit Aztec and Mayan civilizations. We end at the amazing ideas of the Enlightenment, and will explore culture, music and art of multiple cultures along the way.

7th & 8th Grade History/Constitution (yearlong, 2 days a week)

This course examines the U.S. Constitution, using *E Pluribus Unum* as a primary text. We will engage in discussions about the "founding fathers" fundamental ideas, the Bill of Rights' creation, the separation of church and state, and other key issues of our nation's foundational period. We will also analyze current events that relate to these foundational concepts. Further topics include early economic development, including the role of slavery, the Reconstruction era, federal Indian policy, and the historically understated roles of women and minorities in U.S. development. We will connect these historical topics to modern discussions and current events.

CTE Explorations: Middle School Career Discovery Lab (Grades 7-8, yearlong, 1 days a week)

This dynamic lab provides 7th-8th grade students with engaging, hands-on exploration of diverse career pathways. Through rotating modules, interactive projects, and field experiences, students will discover personal interests while developing foundational skills across multiple CTE sectors.

Tuesday Enrichment Classes

PE at the Athlete Factory:

Students will engage in a variety of physical activities including strength training, conditioning, sports skills, and group games. Students should come prepared in athletic attire and shoes and bring a water bottle.

Monday Enrichment Classes

Piano or Voice with Lorenza (Grades K-12, *specify piano or voice*)

Beginning to advanced piano or vocal instruction with possibility of performance at the end of the semester, taught in person or virtually, one on one, once a week for 30 minutes.

Group B/C/C+ Beginning Hand Sewing (Grades 2-8)

This class is designed for students with little/no sewing experience, and will introduce students to hand sewing materials and how to use them. Students will learn how to thread a needle and tie a knot, as well as a variety of stitches and their purpose. Class projects will include creating a stitch book and making a stuffed creature as a final project.

Group B/C/C+ Intermediate Hand Sewing (Grades 2-8)

This class is designed to help students with beginning sewing skills develop further skills in hand-sewing. Class will begin with a brief review of different types of hand stitches and their purpose. Students will engage in a variety of projects. Focus will be on increasing precision of stitching and cutting, understanding and creating patterns, and learning new techniques.

Group A/B Math Games (Grades K-3)

In Math Games class students will learn foundational math concepts including number recognition, adding single digit numbers, greater than/ less than, even and odd and naming shapes. Concepts will be taught through movement and games.

Group B/C Yoga and Mindfulness (Grades 2-5)

In Yoga and Mindfulness Class students will learn foundational yoga poses and breathing techniques while doing yoga to music and playing yoga games.

C+ Stories and Ceramics (Grade 4-8)

Students will work with low fire clay and glazes to create hand-built projects and sculptures while listening to and discussing Children's Literature, such as *When Clay Sings* by Byrd Baylor a class chosen chapter book .

"Pardon my French" Club (Grade 6-8)

Les Amis de la Francophonie! New fun group class offering for middle school students! We will be learning about French and other Francophone countries! Some topics will include: learning about food, French vocabulary, holidays, artists, music, geography, history, and much more!

Doodles & Podcasts (Grade 2-8)

Join this class to practice neurographic art and Zentangles while listening to the children's Podcast series: *The Past the Curious* with Mick Sullivan. Review and participate in round table discussions of the history of ice cream, video games, lost bones, and more.

Wednesday Enrichment Classes

Social Skills Class (Grades 4th-8th)

Students will learn to identify and label emotions in self and others, understand and use the four Zones of Regulation, build emotional vocabulary and self-awareness, develop self-regulation and coping strategies, practice expected and unexpected behaviors in different settings, recognize social cues (facial expressions, tone of voice, body language), improve conversation skills, practice perspective-taking and empathy, use problem-solving strategies to coping tools to return to a regulated state. Students attend class for one hour each week, continuing to practice skills and concepts. Students participate in class discussions and activities. Zones of Regulation curriculum and activities/lessons through *Everyday Speech*

Group B/C Elementary Spanish (Grades 2-5)

Students will learn beginning conversational skills, and an introduction to verbs, and verb tenses. They will have opportunities to use their new language skills in their community. Students will add to their knowledge of the Spanish language and its culture, through art, food, music, holidays, and country studies.

Group B/C P.E. (Grades 2-5)

Students will get moving and have some fun while doing it! Class will be taught by Steve Childs, Education Specialist, APE credentialed. Students will engage in structured physical activities outdoors, when weather permits. Class will occur on the stage or in special services room C when the weather is poor. Students will work on balance, flexibility, and physical stamina through various sports and games. Accommodations and adaptations will be made according to individual student needs.

Globe Trekkers: Exploring the Wonders of Our World: World Geography and History (Grades 2-5)

Students will learn an overview of all things geography.

My goal is not only to teach students about geography but to leave them with a deeper understanding of how we are connected to the world around us. Students will experience a new continent/ country/region of the globe weekly. Capitals, maps, facts, landmarks, languages, animals, rivers, mountains and more. Lessons will include landforms, weather patterns, country studies, oceans, continents, and much more!

Wednesday Enrichment Classes cont'd

Group A/B Science Squad (Grades K-3)

As a class we will participate in scientific exploration, observation, experimentation, and work together to answer questions. This class will be hands-on and incorporate the Next Generation Science Standards.

Redwood Forest Explorers (Grades 4-8)

This class will focus on the redwood forest including plants, animals, fungi, ecological processes and people. As a class we will participate in scientific exploration, observation, experimentation, science inspired art, and work together to answer questions. This class will be hands-on and incorporate the Next Generation Science Standards. We will teach this class outdoors as much as possible in the Annie B. Ryan Garden.

Group A/B Fun With Art (Grades K-3)

Students will complete fun, success-oriented art projects using a variety of art media, including watercolors, markers, pastels, collage materials, and more. World cultures, famous artists, and literature will be some of our sources of inspiration. Students will practice the elements of art and principles of design, including color, line, shape, pattern, and more. We will focus on improving art media skills and techniques, and also cultivating artistic appreciation. The students' artwork, which will be sent home at the end of the semester, will bring beauty, joy, and color to the walls of the school.

Group C+ Fun with Art (Grades 4-8)

Students will complete fun, success-oriented art projects using a variety of art media, including watercolors, markers, pastels, collage materials, and more. World cultures, famous artists, and literature will be some of our sources of inspiration. Students will practice the elements of art and principles of design, including color, line, shape, pattern, and more. We will focus on improving art media skills and techniques, and also cultivating artistic appreciation. The students' artwork, which will be sent home at the end of the semester, will bring beauty, joy, and color to the walls of the school.

Gender and Sexuality Alliance - Club (Grades 6-12) FREE!

The mission of the Alder Grove Gender and Sexualities Alliance is to provide a free, safe, non-judgemental space for LGBTQI+ students, regardless of how they identify. We will respect everyone and the way they identify, use preferred names and pronouns, do not disclose any other person's personal information without permission (private conversations stay private), ask before assuming how someone identifies or what their pronouns are, if someone does not know a term or concept, use the opportunity to educate, not judge. Any questions, please email Cassie at cassie.moulton@aldergrovecharter.org

MS/HS Community Service Club (Grades 6-12) FREE!

A Community Service Club is a voluntary nonprofit organization where members meet to perform charitable projects. We have paired with The Betty Chin Day Center, and The City of Eureka, and are doing projects weekly. Projects might be hands-on or they could be projects that are supported by the group raising money and awareness. We will also be organizing food drives, and helping our local homeless community.

Book Making (Grades 2-8)

This class is for you if you love making books, creative writing, and literature. Join this class to make "books that fly, fold, wrap, hide, pop up, twist, and turn." The class will vote on a chapter book to listen to as we create. We will enjoy "kitchen table talks" and respond to the book authentically as we experience it.

Tuesday/Thursday Classes

Life Writing (Grades 4-8, yearlong, 2 days a week)

Students will practice gathering ideas, and writing memoirs and poetry using Lessons That Change Writers by Nancie Atwell (Heinemann Press) as well as other teacher-provided resources.

Tuesday/Thursday High School Classes

Essentials for Algebra (Grades 9-11, yearlong, 2 days a week)

This course is a full year curriculum using Math U See pre-Algebra and Teacher provided worksheets. Students will meet twice weekly for 70 minutes.

a-g Math 1 (Grades 8-12, yearlong, 2 days a week) prerequisite: math 8 or equivalent

This course follows Math I standards using the Open Up curriculum and teacher generated resources. Students will meet twice each week for investigations, discussions, and group activities. Students will use Jupiter Ed to access course materials and submit homework.

a-g Math 2 (Grades 9-12, yearlong, 2 days a week) prerequisite: Math 1/Algebra 1

This course follows Math II standards using the Open Up curriculum and teacher generated resources. Students will meet twice each week for investigations, discussions, and group activities. Students will use Jupiter Ed to access course materials and submit homework.

Tuesday/Thursday High School Classes cont'd

a-g Math 3 (Grades 10-12, yearlong, 2 days a week) *prerequisite: Math 2/Geometry*

This course follows Math III standards using the Open Up curriculum and teacher-generated resources. Students will meet twice each week for investigations, discussions, and group activities. Students will use Jupiter Ed to access course materials and submit homework.

Math Lab/Tasks (Grades 7-12, drop in) FREE!

All students in grades 7-12 can drop in for math help from 2-3 pm. Students can also work on teacher generated math tasks in addition to or instead of getting homework help. Math lab is for math help only. Students can attend the Learning Lab for help in other subjects.

a-g College & Career Readiness (Grades 9-12, hybrid, yearlong, 2 days a week)

This year-long course covers concepts in financial literacy and college and career readiness. This course meets the College and Career Readiness graduation requirement, can count for 10.0 credits of math, and allows students to earn 3 college credits when enrolled as a concurrent student at College of the Redwoods. The student must complete the entire year course in order to meet the College and Career Readiness graduation requirement. Some concepts covered will be Taxes, Banking, Savings, Investing, Loans, Credit, Career, College, and Budgeting. This is a hybrid course so students are welcome to attend either in person or online. All students must participate during class either with their voice, body language, or in the video call chat. Students are encouraged but not required to have their cameras on during class. The online and in person students will be able to see each other during class to foster a sense of class unity and culture.

a-g Spanish 1 (Grades 9-12, yearlong, 2 days a week)

This year-long course is an introduction to the Spanish language and Spanish-speaking cultures. The course begins with students listening to LOTS of Spanish with visual support. After a foundation is built, students will progress to reading, writing, and speaking. Students are expected to participate in class activities and practice Spanish independently. An important part of learning a language is consistent exposure. There is home practice (assignments) 3 days a week, much of which is ONLINE and accessed in Google Classroom. Students must have Internet access or be willing to come use the school's wifi. A Chromebook and headset with mic can be checked out from the school. Attendance is key to success in this class. If you have long trips planned, please consult with the Spanish teacher before registering for the class.

**** If you have considerable previous Spanish experience, contact Erica Alston (erica.alston@aldergrovecharter.org) because Spanish 2 may be the more appropriate course. Spanish 1 starts at the very beginning! ****

a-g Spanish 2/3 (Grades 9-12, yearlong, 2 days a week) *prerequisite: Spanish 1 or Instructors approval*

This year-long, multi-level course meets in-person on Tuesday and Thursday and will use stories, novels, and projects to foster language acquisition. Each year we cover a different sequence of topics. We will be reading and writing in all tenses, with a focus on life and cultural topics emerging from the SOMOS curriculum and novels. There will be group and individual projects, as well as periodic assessments. All activities are intended to expand each student's speaking, listening, reading, and writing abilities in Spanish. There is home practice (assignments) 3 days a week, much of which is ONLINE and accessed in Google Classroom. In Jupiter Grades, students can see grades, updated weekly. Grading is based on ACTFL Proficiency standards, student's growth, and participation. Attendance is key to success in this class. If you have long trips planned, please consult with the teacher before registering for the class.

a-g Biology (Grades 9-12, yearlong, 2 days a week)

Running Inspire, a virtual learning platform designed with everything a student needs to achieve a-g Biology levels; including virtual labs, to allow students to stay on track for community college/CSU/UC. Biology teacher will run this dynamic online course through which the teacher will assign work to the entire class or an individual student who may need additional support.

a-g Chemistry (Grades 11-12, yearlong, 2 days a week)

Prerequisite: Algebra 1 completed with grade of C or better, Regular HS-level English or tutor required

This year-long Chemistry class will be introduced through forensic investigations, and will cover all of the concepts expected of high school students planning to attend a four-year college. Students will attend class 2 days each week, with 3 days of work completed by the student at home. Class time will be spent almost entirely on lab activities, review of complicated concepts, and exams. Students will write two lab reports and give one presentation each semester, in addition to weekly homework. Regular attendance, internet, and the ability to work at home in a textbook is what is needed to succeed in this class!

a-g Meteorology and Global Climate Change (Grades 9th-12th, yearlong, 2 days a week)

This program merges Oak Meadow's Global Climate Change in the 21st Century Curriculum with the California Inspire Science to combine Meteorology and Oceanography into a dynamic course focused on Earth's changing climate. In this course, your learning will be guided by the following essential questions: How do we understand our natural world and climate? How do humans relate to climate change? What should we do about climate change? Before diving into how the climate is changing, students will be introduced to Meteorology and Oceanography to better understand all aspects of a changing climate by understanding the baseline of all meteorological phenomena. Told with some influences from Indigenous communities.

Tuesday/Thursday High School Classes cont'd

a-g Creative Writing (Grades 9-12, yearlong, 2 days a week)

A study in developing the art of writing fiction, emphasizing communication, clarity, and economy. Students read and analyze many types of fiction while they generate, develop, critique, and revise their own and others' texts.

CR English 1A - Dual Enrollment CR Course (Grades 11-12, yearlong, 2 days a week)

This is an introductory course that offers instruction in college-level expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, research strategies, information literacy, and documentation.

a-g Evolution of Art - Dual Enrollment CR Course (Grades 9-12, yearlong, 2 days a week)

*Evolution of Art will align with College of the Redwood Art 4 (Art Appreciation) Course and will satisfy the CSU/UC General Education transferable lower division Area C1. Ever heard the saying, "a picture is worth a thousand words?" In our increasingly visual world, we will learn how to critically analyze images and peel back the layers of meaning. Students will look beneath the surface of famous masterpieces to learn how each image reflects the cultural values, the historical, political, religious context, and the gender issues and patronage of a time period in history. This is a dynamic course that will help students practice and hone their critical, visual analysis and writing skills. Most importantly, this course will help students foster an appreciation for the artworks and artists responsible for our rich visual cultural heritage. Students will be expected to attend class and participate in classroom discussions and activities, research projects as well as group projects, presentations, games and field trips.

CTE Studio Art 1 (Grades 9-11, yearlong, 2 days a week)

This course prepares students for further education or a career in the Arts, Media, and Entertainment industry. Students will explore a variety of artistic techniques, materials, and creative processes, including drawing, painting, sculpture, and printmaking, while developing a strong foundation in color theory, composition, and perspective. Throughout the course, students will have the opportunity to observe and work alongside industry professionals, gaining insight into real-world artistic practices. They will build a portfolio that highlights their strengths and interests, participate in group and individual critiques using industry terminology, and collaborate with peers on creative projects to enhance their artistic growth and professional skills.

a-g US History (Grades 9-12, yearlong, 2 days a week)

This US History course covers the development of the United States of America from the tumultuous times of the Civil War and Reconstruction through the modern era. We will address changes in population, the movement of people, economic booms and busts, and both wartime and peacetime. We will address political trends, the struggles of citizens for respect and equality, and the ordinary and extraordinary people who make history. Finally, this course will examine the ways in which history is recorded, the importance of primary documents, how literature deals with historical themes, cause and effect, and other aspects of our unique American culture (including the media, music, art, film, etc.).

a-g World History (Grades 9-12, yearlong, 2 days a week)

This yearlong World History course will follow the California 10th grade standards for World History. We will use a guiding question throughout the course: "why study history?" Students will study world history from the dawn of man to the present day through a set of recurring themes intended to help students bridge the past with the present in a meaningful and relevant way. The focus of this class is not primarily on events, but rather on trends that pop up again and again. This course requires students to engage with the dynamics of continuity and change across time and geography. Students will be expected to attend class and participate in classroom discussions and activities, research projects as well as group projects and presentations. Attendance and participation is mandatory. This course is designed to be engaging and hands on. Students will come prepared to participate in discussions, projects, debates and presentations on the content introduced each week. There will also be extended research papers and the occasional pop quiz.

American Government/Civics (Grade 12, yearlong, 2 days a week)

American Government, which is a course needed to graduate, delves into the foundations of our political system: the Constitution, branches of government, and the rights and responsibilities of citizens. We'll explore elections, political parties, and the influence of the media. This course transcends textbooks; we'll analyze current events, debates, and policy decisions shaping our nation. Engage in dynamic discussions, simulations, and projects that bring civics to life. Understand how your voice matters and actively participate in shaping your community and country. We'll examine the evolving landscape of American democracy and its impact on your future, while also helping interested students achieve the State Seal of Civic Engagement.

Monday Wednesday High School Classes

Strength and Conditioning

Students will engage in a variety of strength and conditioning exercises. Students should come prepared in athletic attire and shoes and bring a water bottle.

Friday Classes

Dance (Grades TK-5)

In this class students will learn line dances, partner dancing, hip-hop moves, multicultural dances, freestyle and dance steps to various songs.

Friday Classes cont'd

Piano (Grades K-12)

Beginning to advanced piano with possibility of performance at the end of the semester, taught in person or virtually, one on one, once a week for 30 minutes.

Beginning Choir (Grades K-4)

In intermediate choir, students explore concepts of singing in a group and working on vocal technique. Students learn choral arrangements ranging from musicals, traditional choral songs, and pop music. Students learn unison singing as well as part singing, harmonizing, and round singing. Students also have the opportunity to solo sing within the choral repertoire.

Intermediate Choir (Grades 4-12)

In intermediate choir, students explore concepts of singing in a group and working on vocal technique. Students learn choral arrangements ranging from musicals, traditional choral songs, and pop music. Students learn unison singing as well as part singing, harmonizing, and round singing. Students also have the opportunity to solo sing within the choral repertoire.

Intermediate Rock Band (Grades 5-12)

After having developed the skills to play as a group in the Beginning Rock band class-or equivalent elsewhere-, students will continue to play in the genre of Rock music. Students will play songs which are typical of the genre, though they will also explore other types of music. Beginners are welcome, but the ability to use a tuner and tune an instrument at home,-possibly with parent's help if need be- is required. Skills taught are basic chord progressions, song structure, actively listening while playing and successfully collaborating as a group. Students will work on individual skills and it is assumed that they will progress weekly on their current goals/assignments. Open to guitar, bass, vocals, keyboards, drums, and possibly some other instruments. Students will pick a piece as their personal goal and work on it in addition to learning group songs which are performed at the semester's end.

Advanced Rock Band (Grades 5-12)

This advanced class will have students working on refining their abilities as well as their ability to creatively coordinate with peers. For students who have previous experience (2 years is recommended) and most importantly are willing to practice, work on their craft and be able to collaborate. Instruments played can extend past the traditional "Rock Band" instruments. Contact hilson.parker@aldergrovecharter.org with questions.

Younger beginning Ukulele(Grades K-3)

The class will introduce students to the basic techniques of playing the ukulele. This entails correct hand and body position. Students will learn how to read ukulele chord charts, tablature and will be introduced to the basic concepts of reading music. Focus of the class is on playing popular traditional and popular songs. Students will play games, practice as a group and perform as a group at the semester's end

Intermediate Guitar (Grades 4-12)

The class will introduce students to the basic techniques of playing the guitar. This entails correct hand position for both hands. Students will learn how to read guitar chord charts, tablature and will be introduced to the basics of reading music. Focus of the class is on playing popular songs which utilizes and demonstrates the skills at hand. Students will work as a group and increase their ability to creatively collaborate for a group performance held at the semester's end.

Intermediate Drumming/Percussion (Grades 5-12)

This class focuses on providing an overview of drumming and percussion techniques. The focus of the class is on techniques to play snare drum and then transfer those skills onto our drum set and mallet instruments. It will also cover the basics of hand drumming, basic technique on our great new mallet instrument (marimbas!) and introduce students to other non-Western percussion instruments. Students will work as a group and increase their ability to creatively collaborate for a group performance held at the semester's end. Students will need to acquire a practice pad and drum sticks(at a very minimal cost through their budget) to succeed in developing their skills for this class at home. Students will work as a group towards a final performance held at the semester's end. Student's with experience are welcome with the knowledge that the first few weeks will be dedicated to learning basic technique. As always, most growth will occur with regular practice at home.

Practical Music Theory (Grades 5-12)

Dive into the exciting world of music theory! We'll explore the building blocks of music: notes, rhythms, and scales. Learn to read sheet music, understand how chords work, and discover the magic behind melodies. We'll unravel musical mysteries like why some songs sound happy and others sad. Get hands-on with instruments and games, making learning fun and interactive. Whether you play an instrument or just love listening to music, this class will unlock a deeper understanding and appreciation for all things musical! No experience is necessary however musical experience is helpful. Only requirement is a willingness to participate and create!

a-g Musical Theater - Acting (Zombie Night - musical) (Grades 7-12)

Only 2.5 credits, for high school to earn 5 credits students must take the production class.

This is a yearlong course. Students can participate in the acting class that meets weekly for 120 minutes. Students will have the opportunity to try out for a role in our school musical or be a part of the chorus. This class will culminate with a spring performance. Students will perform live for two nights in May. Over the course of the year, students will memorize their lines, learn stage directions, and improve their acting skills.

Friday Classes cont'd

Dungeons & Dragons (Grades 9-12)

Year-long DnD campaign. This is where students will need to create and act out at least 2 individual characters to work as a team to complete a year-long campaign led by only one Dungeon Master (DM). Students will need to be able to be interactive in a group setting and working/cooperating with teammates.

Peer Tutoring Grades (9th-12th)

Have you ever enjoyed helping other students with their school work? If so, this class may be for you! This one/week semester-long class will be a prerequisite to becoming one of Alder Grove's first Peer Tutors. Alder Grove's first Peer Tutoring Training Class will teach qualifying students basic tutoring techniques, active listening skills, and strategies for working with students who have different learning styles. Training will also cover team-building, confidentiality, professionalism, and when to refer students back to teachers. At the end of this semester, students who complete the class with a B+ or better will be invited to the prestigious role of a Peer Tutor. Both the class and being a Peer Tutor will look great on a resume, application, and give you skills you can use for many years to come.

CTE Classes - (transportation provided from Alder Grove)

CTE Culinary Arts 1 (Grades 9-12, yearlong)

Culinary Arts trains students to perform routine tasks under the direction of cooks, chefs, or food service managers. Students learn safety and sanitation, and introduction to food service operations, nutrition, food preparation, and presentation.

CTE Culinary Arts 2 (Grades 10-12, yearlong) prerequisite: Culinary Arts 1

Culinary Arts trains students to perform routine tasks under the direction of cooks, chefs, or food service managers. Students learn safety and sanitation, and introduction to food service operations, nutrition, food preparation, and presentation. Front of the house, register, Point of Sale, making coffees, catering.

CTE Building & Construction Trades 1 (Grades 9-11, yearlong, 2 days a week)

In this Introduction to Wood Technology class, students will acquire basic knowledge and skills used in the Building and Construction trades. Through hands-on, project-based instruction, students will gain experience using different materials, tools and techniques. They will become proficient in taking measurements, reading plans, and in choosing woods and connectors to use for various projects. The course will cover Safety, Tools, Measuring and Layout Methods, Woods, Wood Joints and Fasteners. There will be a focus on career awareness, career exploration, and skill preparation in the Building and Construction Trades industry.

CTE Building & Construction Trades 2 (Grades 9-11, yearlong, 2 days a week) prerequisite: Building Trades 1

Students will acquire more advanced knowledge and skills used in the Building and Construction trades. Through hands-on, project-based instruction, students will gain experience using different materials, tools and techniques. They will become proficient in taking measurements, reading plans, and in choosing woods and connectors to use for various projects. The course will cover Safety, Tools, Measuring and Layout Methods, Woods, Wood Joints and Fasteners. There will be a focus on career awareness, career exploration, and skill preparation in the Building and Construction Trades industry.

CTE Intro to Health Careers 1 (Grades 9-12, yearlong, 2 days a week)

Are you interested in working in the healthcare field? This course will give you the foundational knowledge to pursue a career in the industry and allow you to explore careers while practicing communication, teamwork, leadership and practical skills. Students will learn: Basic Medical Terminology, Principles of Anatomy and Physiology, Ethical Responsibilities of a Healthcare Provider, The Education, Training, and Credentials needed in the Industry, CPR and First Aid Certification, The Four Domains of Health – Physical, Mental, Emotional, and Social and more!

CTE Health Careers 2, (Grades 10-12, yearlong, 1 day a week) prerequisite: Health Careers 1

This advanced CTE course builds upon CTE Intro to Health Careers I by providing students with deeper exposure to healthcare professions through dual enrollment opportunities and industry partnerships. Students will develop specialized knowledge and skills while earning college credit and exploring real-world healthcare environments. Dual enrollment in Medical Terminology (3 credits) Fall Semester. Dual enrollment in Nutrition (3 credits) Spring Semester

CTE Intro to Media Careers (Grades 8-10, yearlong)

Students will develop their creative and technical skills and prepare for careers in animation and visual effects (VFX). Students will learn principles of art, storytelling, and visual development. Students will develop skills in two-dimensional (2D), three-dimensional (3D) animation, and VFX using industry-standard software. They will work collaboratively in animation production pipeline environments and gain generalist knowledge to pursue careers in animation across film and television, virtual production, gaming, immersive media, and VFX. Students will understand the array of careers in animation, from pre-production to marketing and distribution.

CTE Game Art & Design 1 (Grades 9-11, yearlong, 2 days a week) prerequisite: Intro to Media Careers

Students will develop their creative and technical skills and prepare for careers in the video game industry. They will use industry-standard software and examine principles of game art, design, and development. They will learn visual development, 2D and 3D animation, VFX, real-time rendering, technical art, and postproduction and work collaboratively in production pipeline environments specific to gaming industries. Students will gain generalist knowledge to pursue careers in gaming, immersive media, and VFX.

CTE Classes cont'd - (transportation provided from Alder Grove)

CTE Game Art & Design 2 (Grades 10-12, yearlong, 2 days a week) *prerequisite: Game Art & Design 1*

Students will refine their creative and technical skills and prepare for careers in the video game industry. Students will gain proficiency in industry-standard software and apply game art, design, and development principles to creative projects. They will participate in the visual development process, and develop skills in 3D animation, VFX, real-time rendering, technical art, and postproduction. They will work collaboratively in production pipeline environments specific to gaming industries. Students will understand the specialized skills required for careers in game art and production, immersive media, and VFX. Pathway completers will develop a professional portfolio and understand the application of skills in workplace environments.

CTE Intro to Music & Audio Careers (Grades 8-10, yearlong)

This course provides students with an overview of careers in music and audio. Students will learn about the variety of professional roles within the field and gain experience with the tools and technologies that are commonly used. Through practical experience, students will learn the basics of sound, music, signal processing, and digital audio. By the end of the semester, students will be familiar with the proper usage of audio hardware and software and the tasks that can be accomplished with these tools. They will be prepared for further specialized audio engineering and music production studies. In addition, students will develop essential computer skills necessary for success in these fields. They will learn to utilize common apps, create and edit digital media, and build critical communication skills.

CTE Music Production 1 (Grades 9-11, yearlong, 2 days a week) *prerequisite: Intro to Music & Audio Careers*

Students will develop their creative and technical skills and prepare for careers in the music industry. Students will learn to play and create music, properly operate equipment and digital audio workstations, record and/or perform in professional environments, and explore careers across music technology, music business, studio operations, and live performance. Students will learn industry-standard software and tools to prepare them for specialized careers for artists, engineers, producers, and music-specific audio professionals.

CTE Sound Design for Video Games (Grades 9-12, yearlong) *prerequisite: Game Art & Design 1 recommended*

In this course, students will explore the creative and technical aspects of recording and designing sound for interactive media with a focus on video games. Students will learn about recording and signal processing techniques and use industry standard audio software to connect their audio creations to game engines. Designed for non-musicians, this class takes an experience-focused approach to sound, guiding students to create original sounds and creative interactions that bring games to life.

CTE Intro to Digital DJing (Grades 9-12, yearlong)

In this course, students will explore the threads that connect different styles of electronic music through the art of listening and mixing. Through interactive listening sessions and group discussions, we'll explore a variety of musical genres and styles, demystifying the thought process of musicians, composers, and producers. Students will learn the basics of musical language and how to recognize these elements in the music they hear every day, and then apply these concepts to create cohesive DJ mixes. Students will learn the basics of digital DJing including beatmatching, mixing, music theory, track selection, and performance strategies. Students will get hands-on experience navigating software, managing libraries, creating playlists and mixing tracks using industry standard Rekordbox software and hardware.

CTE Intro to Programming (Grades 9-12, yearlong, 2 days a week)

Have you ever wanted to learn how to program? Now is your chance!

This course will help you develop programming skills in Python and app development as you learn about careers in the

Information and Communication Technology field. Students will learn Intro to Software Development, IT Terminology, Problem Solving, Data, and Algorithms, Program Design, Legal and Ethical Computing, Cybersecurity, App Development and MORE!

Virtual Classes

Fun with Poetry (Grades 4-8, Virtual, Thursdays, 1:00-1:55)

This workshop will be a success-oriented place for students to grow as readers and writers, be creative, and have fun. Students will read and discuss accessible poems, listen to spoken word performances, and write a variety of original poems. They'll also do writing warm-ups, make art inspired by poetry, write group poems, and more. Poetry is fun *and* educational – students will learn standards-aligned skills and concepts, plus research has shown that writing poetry builds confidence and is a building block for success in other writing genres.

High School and Middle School Poetry (Grades 9-12, Virtual, Mondays, 11:00-12:10)

This class will be a success-oriented place for students to grow as readers and writers, be creative, and have fun. Students will read and discuss accessible poems, listen to spoken word performances, and write a variety of original poems. They'll also do writing warm-ups, make art inspired by poetry, and more. At the end of the semester, students will complete a final project. Poetry is fun *and* educational – students will learn standards-aligned skills and concepts, plus research has shown that writing poetry builds confidence and is a building block for success in other writing genres. The class fulfills 2.5 a-g High School English credits.

Doodles and Literature Zoom (Grade 4th-12th)

Do you love to doodle? Join this class online Zoom class and practice many different forms of neurographic art, zentangles, and other creative pattern art that can allow you to play with texture and color in a relaxed way. An art kit will be waiting for you at school the week before class starts. We will also select a novel to listen to while drawing. We will vote as a class on a book of choice to enjoy together and practice some creative methods for analyzing literature as well as engage in common "kitchen table talk" responses. This class is a great way to relax, make friends, and explore a world of patterns and stories.

Mornings with Sunshine Grade TK-3rd

Join this online community of young students and parents. Zoomers write daily and take turns sharing their writing as well as building speaking and listening skills. Students explore calendar skills. They practice counting tallies, dots, and hands while counting the multiples of two, five, and ten. They practice writing the date and create equations to match. Students chart the weather and view the cycle of the moon. Students listen to fun science and social studies books and videos. They view maps and play games often. The class builds on a daily routine that slowly shifts based on the interests of the class community. Each student and parent adds to this wonderful experience.

***What makes this class different? This is a free 3 day per week Zoom class. It is held Tuesday-Thursday. Parents are encouraged to attend and participate. ***

Word Play Zoom Grade 4th-8th

Welcome, student writers. In this class we will play group writing games and explore creative writing activities. We will also vote on a chapter book to read aloud. This book will influence our writing as we read like writers.

Asynchronous Classes

CR Work Experience (Grades 9-12, Individually Scheduled) FREE

This course is designed to assist students in planning and accomplishing meaningful learning objectives at their place of work, volunteer, or internship placement. Students will briefly check in with the instructor once a week for about minutes to upload a timesheet and check in about how their experience is going. 1 college unit can be earned per semester upon 60 hours per semester for paid or unpaid work experience. Up to 10 high school credits may be earned through work experience.

Inspire Bio/ Chem/ Earth Science (Grades 8-12, Monthly Check In)

This class meets A-G Lab Science requirements for high school. Students will receive a hard copy text and complete quizzes, exams, and labs online.

Health (Grades 9-12, Monthly Check In)

This asynchronous high school health class will cover units in Mental and Emotional Health, Relationships, Nutrition and Physical Activity, the Human Body and Sexuality, Drugs and Alcohol, and Disease and Injury Prevention.