

# Alder Grove On Campus Class Descriptions

## Monday/Wednesday Middle School Classes

### **MS Physical Science**

This class will cover all of the concepts expected of a middle school physical science class, including: The Structure of Matter, Interactions of Matter, Force and Motion, and the Universe. We will use Holt 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 one project (such as a model or written report) and one presentation each semester. Regular attendance, internet access, and the ability to work at home in a textbook is what is needed to succeed in this class!

### **Math 7**

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.

### **Writing Task (FREE!) M-Th**

Welcome developing writers. This class is a ton of fun and plenty of daily work. We start each class by visiting with each other a bit. When we have time a chapter book is read aloud. Last year we read *The Giver* and *Gathering Blue* both by Lois Lowry. We will read something equally thought provoking and fascinating next year. We explore key vocabulary words taken from the read-aloud book and also identify parts of speech. Two benefits of taking this class and completing all assignments on the schedule will be an opportunity to give and receive peer feedback on your writing and to practice the kind of writing that is required of you at the end of the year when you take state-mandated CAASPP Tests.

Each essay assignment begins by reading several literary or nonfiction passages and often includes audio or video as well. You will take typed notes on provided sources ( doodle or sketch notes welcome as well ) and use prewriting strategies such as creating outlines to plan each essay or narrative. Each day you will add just a bit to your work until it is complete. The writing process will be used all along the way including revising, editing, and self-evaluation using a rubric. In addition, you will practice different writing genres such as literary analysis, persuasive, informative, argumentative, poetry, creative writing and narrative writing.

Sign up for this class with the agreement to attend four hours and forty minutes of zoom class weekly and spend additional time independently each day if you are not able to complete assignments in class. Fridays will be spent catching up on weekly assignments independently. Students working below reading and writing grade level can use voice-to-text tools to support developing typing skills as well as ttsreader.com to listen to all assigned passages and written directions. Some students benefit from additional support and tutoring for this class. All students benefit from the involvement of their parents. Parents are encouraged to ask to see work rather than getting verbal confirmation that work is done. Students benefit from parents who read their work and cheer them on, offering just one or two small suggestions per final draft.

### **MS Life Science**

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. Students will use their in person, on campus time to complete hands-on science investigations and will be assigned reading and writing Tasks as homework assignments.

### **Math 6**

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.

### **8th Grade History/Constitution**

This course focuses on the U.S. Constitution. Using an online textbook (E Pluribus Unum) as our basis, we will discuss the fundamental ideas of our "founding fathers", how the Bill of Rights came to be, the separation of church and state, and other key issues regarding our nation's foundational period. Other topics will include early economic development/slavery, the Reconstruction era, federal Indian policy, and the sometimes understated role that women and minorities played in our nation's development. An online copy of the text is an option if preferred.

### **MS Earth Science**

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. Students will complete hands-on science investigations while on campus and be assigned reading and writing tasks as homework.

### **Math 8**

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

### **Math 4/5**

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.

### **7th Grade History**

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. Come along for the ride!

## Monday Enrichment Classes

### **Voice with Lorenza (grades K-12)**

One on one vocal instruction with possibility of performance at the end of the semester.

### **Piano with Lorenza (grades K-12)**

Beginning to advanced piano, taught in person or virtually, one on one.

### **TK & Group A Secrets of the Heart**

A curriculum based on lessons teaching mindful thinking integrates music, geography, ASL and art. Students will start class with a 15 minute interactive video followed by connected art activities.

### **Spanish Lab (FREE!)**

Spanish Lab has a Spanish teacher for 55 minutes weekly. During the 1st half of the Lab, students and the Spanish teacher play games when there is little homework or make up work to do. During the 2nd half, students complete Spanish assignments and receive help from the Spanish teacher.

### **Student Council (grades 6-12) FREE!**

Students work together to plan, organize and put on school functions such as prom. Students participate in making decisions that directly affect the Alder Grove community.

### **Group B/C Multicultural Exploration & Art**

Students will explore continents, countries, and cultures through art, music, literature, videos, and more. They will listen to and discuss stories from around the world. They will also create success-oriented art projects using a variety of art media in response to our studies of people and places.

### **Science Lab (grades 5-12) FREE!**

The Science Lab is a place for students to come for help with their science coursework or to complete hands-on science labs. Additionally, the Science Lab supports students pursuing A-G Independent Study credits in Biology, Chemistry or Earth Science using the Inspire Science curriculum and is supported with online labs.

### **Group C+ Social Skills**

Class will be co-taught by Crystal Collins, School Psychologist, and Adyn McCabe, School Psychology Intern. Students will have the opportunity to spend time with peers, have some fun, and improve their social/communication skills. Utilizing the Zones of Regulation curriculum, plus supplemental activities, students will learn how to understand and regulate feelings, energy, and sensory needs in order to function successfully in group and community settings, like school. Students will have the opportunity to practice social/communication skills with their peers in a fun, supportive environment.

### **Group B/C Beginning Hand Sewing**

This class 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 sample and making a stuffed chicken as a final project

### **Group B Math Games**

Students participate in movement games and activities while learning foundational math concepts including number recognition, sequencing, counting, skip counting, and adding single digit numbers.

### **Group A Multicultural Exploration & Art**

Students will explore continents, countries, and cultures through art, music, literature, videos, and more. They will listen to and discuss stories from around the world. They will also create success-oriented art projects using a variety of art media in response to our studies of people and places.

### **Group C+ Intermediate Hand Sewing**

This class is designed to help students who have sewed before 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.

## Wednesday Enrichment Classes

### **Group A/B Studio Art**

Students will complete fun, success-oriented art projects using a variety of art media, including watercolors, markers, pastels, collage materials, and more. Famous artists, literature, and styles of art 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 B/C Elementary Spanish**

Students will learn beginning skills in listening and speaking with a basic introduction to reading and writing. 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, holidays, and country studies. Students that attended in Fall may attend in Spring as well.

### **Group C+ Math Games/Homework Help**

This class will be learning math skills. Geometry, multiplication facts, division, estimation, and more. We will learn math games to help solidify learning and will also have time for homework questions that are tricky. This is not a Learning Lab substitute. Students who need homework help are expected to come prepared with homework and any materials they need to be successful (i.e anchor charts, multiplication tables, calculators, etc.).

### **TK & Group A Math Games**

Students participate in movement games and activities while learning foundational math concepts including number recognition, sequencing, counting, skip counting, and adding single digit numbers.

### **Group C+ Studio Art**

Students will complete fun, success-oriented art projects using a variety of art media, including watercolors, markers, pastels, collage materials, and more. Famous artists, literature, and styles of art 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.

### **MS/9th Grade Mindfulness, Visual Arts, and Activism**

This exploratory class will help improve students' basic art skills; drawing, painting and sculpting, design artwork using a variety of media and techniques, develop students' creativity and self-expression, and recognize and use the art elements (line, shape, color, value, form, texture and space), and design principles (rhythm, balance, proportion, variety, emphasis, harmony and unity). Students explore a variety of media as they continue to build their skills in drawing, painting, graphics, calligraphy, and sculpture. Two-dimensional lessons may include painting, collage, drawing, and printmaking. Three-dimensional projects may include functional or sculptural ceramic experiences. Art history, art appreciation, and art criticism are integrated into the lessons as a framework of the curriculum. The students will learn to practice mindfulness. I will lead the students through a series of activities, about breathing, focus, noticing, calming down, mindful eating, and walking.

### **TK & Group A/B Science Squad**

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.

### **Group B/C P.E.**

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.

### **M/S/HS Community Service Club (FREE!)**

A Community Service Club is a voluntary nonprofit organization where members meet to perform charitable projects. We have paired with The City of Eureka, and are doing projects weekly with the city. Projects might be hands-on or they could be projects that are supported by the group raising money and awareness.

### **Group C+ Science Explorers**

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. This is an enrichment class and is not meant to be a substitute for a complete science curriculum.

## **Tuesday/Thursday High School Classes**

### **a-g Biology**

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. This dynamic online course will be run by me, through which I can personally assign work to the entire class or an individual student who may need additional support.

### **a-g English: Social Justice in Literature (TUESDAY only)**

This 2.5 English elective class will be oriented toward grade-level readers and writers in 9th through 12th grades. Classes will include: a weekly reading assignment, in-class and out-of-class writing assignments and participation in discussions about the novel. Prepare to read a great novel with a social justice theme, have lively discussions about it and share your thoughts and views on the novel through your writing.

### **a-g Math 2**

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.

### **a-g Earth Science**

The program covers the following units: Intro to Earth Science, Surface Processes, Weather and Oceans, Plate Tectonics, Earth's Early History, Natural Resources, Space Science. Same as above, the virtual and in-person component to the high-level system make it perfect to qualify as an additional option for a-g science; all while allowing students to stay on track for community college/CSU/UC

### **a-g Spanish 1**

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. The school provides a chromebook (if needed) and headset with mic (if needed). The Spanish lab offers free tutoring weekly. Check Lab Schedule for this year's day, time, and location. Attendance is key to success in this class. If you have long trips planned, please consult with the teacher before registering for the class. \*\* If you have considerable previous Spanish experience, contact Erica Alston. Spanish 2 may be the more appropriate course. Spanish 1 starts at the very beginning!

### **Essentials for Algebra**

Students will learn foundational skills that prepare them to take a-g Algebra 1/Math 1 the following year. 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 World Literature**

Join CT Leslie on a year-long journey where we explore inspiring literature from around the world. Students will be expected to read avidly, complete in-class reading assessments, complete writing assignments, edit their work, and come to class prepared to explore and discuss the beauty, magic, common themes and diversity of the human experience articulated in the literature read. CT Leslie has experience at the university level as a graduate-level academic writing TA and university writing center tutor. She is also a world traveler and lover of stories! Besides reading, a major focus of this class will be to elevate each student's writing, support organization of thought/self-expression and help students become more comfortable with the structure and style of academic writing. This class is appropriate for academically-inclined, college-bound students in grades 9-12, as well as any thoughtful, dedicated student who is willing and able to keep up with at-home reading assignments. Note: Completing required reading will be critical to student success!

### **a-g Environmental Science**

This year-long science class can count as life or physical science. Covered concepts include: Ecology and Ecosystems, Biodiversity, Sustaining Biodiversity, Environmental Quality, and Environmental concerns. 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 design engineering projects, write reports and give 2-3 presentations each semester, in addition to weekly homework. Regular attendance, internet access, and the ability to work at home in a textbook is what is needed to succeed in this class! Algebra1/Math 1 is recommended but not required.

### **a-g Spanish 2/3**

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. The Spanish lab offers free tutoring. Check Lab Schedule for this year's day, time, and location. 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 Math 1**

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 Creative Writing**

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.

### **a-g World History**

World History's covers in depth the history, culture, and geography of the modern world. Starting with an overview of the first European explorations, and the various civilizations which existed across the globe, students will then move on to study how people across the world made connections with each other through trade and exploration, laying the foundation for the modern world. Throughout the course students will be expected to read regularly, citing specific textual evidence to discuss, argue, and analyze course information. Along with creative projects which use our available technology, students will also write papers which allow them to both synthesize and evaluate the information presented in the course.

### **a-g Evolution of Art**

\*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.

### **a-g Math 3**

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.

### **a-g College & Career Readiness**

This year-long course covers concepts in financial literacy and college and career readiness meets the College and Career Readiness graduation requirement and allows students to earn 3 college credits when enrolled as a dual enrollment at College of the Redwoods. Additional concepts covered will be Taxes, Banking, Savings, Investing, Loans, Credit, and Budgeting.

### **Life Skills**

Students will have the opportunity to work on real-world skills and have some fun doing it! Class will be taught by Steve Childs, Education Specialist. Students will learn about transition skills, navigating the community, life-skills math (e.g. budgeting, money math) and writing (e.g. writing a letter or resume), reading a recipe, community and work opportunities, etc. Class will be tailored to students' needs and interests.

### **CR English 1A**

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

## **a-g US History**

This US History course will follow the California 11th grade standards for US History. In this yearlong course, we will examine the major events and turning points of U.S. history from the Civil War and Reconstruction through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country's rise to global prominence. Students will also examine the influence of social and political movements on societal change and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and among multiple perspectives. 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.

## **a-g Statistics**

In this year-long course students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, sampling, correlation/causation, bias and uncertainty, probability, modeling with data, making and evaluating data-based arguments, the power of data in society, and more! This course is a great second-year math option for students who do not wish to go on to Math 2.

## **Friday Classes**

### **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.

### **Piano with Lorenza (grades K-12)**

Beginning to advanced piano, taught in person or virtually, one on one.

### **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 and work on their craft. Instruments played can extend past the traditional "Rock Band" instruments. Contact [hilson.parker@aldergrovecharter.org](mailto:hilson.parker@aldergrovecharter.org) with questions.

### **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.

### **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.

### **Intermediate Guitar & Ukulele (grades 5-12)**

The class will focus on intermediate techniques of playing the guitar. It will expand upon what students learned in beginning guitar class-or equivalent learning elsewhere-, especially reading guitar chord charts and reading tablature. Focus of the class is on learning chords and playing songs, including bass lines and melodies, in addition to more complicated strumming patterns. Students will learn basic "runs" and scales and, with practice, become more fluid in their playing. Students with some experience who know basic chords (C, A minor, G and D Major on guitar or C, F, Am, and G on ukulele) or highly motivated highschool beginners willing to get up to speed, are more than welcome to join. Also, Students who have taken the beginning ukulele course or equivalent can join with instructor approval. Repeating or advanced students are welcome to join and will be challenged in different ways according to their abilities. Contact [hilson.parker@aldergrovecharter.org](mailto:hilson.parker@aldergrovecharter.org) with questions.

### **Writing Club (grades 4-8) FREE!**

This class follows an inclusive, flexible curriculum for a Fiction Narrative Writing project. Students enjoy the creative freedom to develop their own characters, settings, problems and solutions, while at the same time receiving directive instruction in the writing process, including planning, drafting, revision, editing and publishing. Classes include writing fluency development activities, mini lessons in specific aspects of writing, guidance in using Google Docs, and independent writing time with teacher feedback.

### **Musical Theater (grades 5-12)**

This is a year-long course. Students will meet weekly for 120 minutes. Students will try out for a roll and participate in a play at the culmination of the class. During the year students will learn lines, stage directions, understand jobs behind the scenes, create mini plays, and evaluate plays in the community. We will be performing "Hi Ho Robin Hood".

### **Beginning 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.

### **Beginning Drumming/Percussion (grades 5-12)**

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.

### **GSA (grades 7-12) 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](mailto:cassie.moulton@aldergrovecharter.org).

### **Songwriting (grades 5-12)**

Make your own songs!! The Goal of this class is to increase your understanding of the songwriting process to better appreciate music and to use it for your own purposes. We will look at basic song formats and structures and listen to and discuss examples of great songwriters. You'll also increase your understanding of how to use chords and make progressions but no instrumental experience required. By playing our original songs together you will increase your ability to collaborate with others in a creative group setting. By recording our songs you will increase your understanding of multi-tracking musical software. No experience necessary! Only requirement is a willingness to participate and create!

## **CTE Classes - High School only (transportation provided from Alder Grove)**

### **CTE Intro to Music & Audio Careers**

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 Contemporary Music Appreciation**

In this course, students will explore the threads that connect different styles of music through the art of listening. 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.

### **CTE Intro to Media Careers**

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 Design 1**

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 Animation 1**

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 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.

### **CTE Culinary Arts 2**

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 Horticulture 1**

The Horticultural Science course is designed to develop an understanding of common horticultural management practices as they relate to food and plant production. Topics discussed in the course are Plant Science, Environmental Science, Hydroponics, Controlled Environment Horticulture, Integrated Pest Management, and will adequately inform students about the horticulture industry.

### **CTE Horticulture 2**

The Horticultural Science course is designed to develop an understanding of common horticultural management practices as they relate to food and plant production. Topics discussed in the course are Plant Science, Environmental Science, Hydroponics, Controlled Environment Horticulture, Integrated Pest Management, and will adequately inform students about the horticulture industry.

### **CTE Building & Construction Trades 1**

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**

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.