



**CENTERVILLE JUNIOR HIGH**  
**NINTH GRADE**  
**CLASS DESCRIPTIONS**  
**2020-2021**

## **REQUIRED COURSES**

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**ENGLISH 9: Full Year.** Throughout the year, students can expect to increase skills in reading, writing, listening, and speaking through a variety of activities. Usage, mechanics, and vocabulary will be taught in context with literature and language-based units.

**ENGLISH 9 HONORS: Full Year.** English 9 Honors will focus on the same standards and objectives as English 9. In English Honors, students will have more opportunities to practice higher level thinking, reading, and writing skills due to an increase in rigor, inquiry, and reflection. Honors students are expected to be independent learners, read above ninth grade level, and have superior writing ability. Students can expect rapid movement through course materials resulting in expanded literature and writing opportunities.

**SECONDARY MATHEMATICS I: Full Year.** This class will focus on developing a solid understanding of function and use that understanding to explore many examples of functions, including sequences. It will deepen and extend understanding of linear relationships and connect that understanding to exponential functions. It will build on prior experiences with data to develop formal methods of data analysis. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas will be tied together.

**SECONDARY MATHEMATICS I HONORS: Full Year.** This class will cover all of the concepts in the Secondary Mathematics I course. Concepts will be explored in greater depth with increased use of contextual situations. In addition, it will include concepts dealing with vectors and quantities of vectors and matrix operations and their applications. This course will include elements that will prepare students to take calculus in high school. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

**EARTH SCIENCE: Full Year.** The theme for Earth Science is systems. The "Benchmarks" in the Earth Science Core emphasize "systems: as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. "Earth Science provides students with an understanding of how the parts of a system through the study of the Earth's cycles and spheres". Earth's place in the universe as well as its internal structure, tectonic plates, atmospheric processes, and hydrosphere are explored to help understand how Earth Science interacts with society.

**PHYSICS: Full Year.** This course is designed to give students a hands-on approach to developing a strong understanding of physics principles ranging from classical mechanics to modern physics. The Physics curriculum has three major concepts for the focus of instruction: (1) motion of objects, (2) forces acting upon objects, and (3) energy. This is a lab-based course. Laboratory investigation will provide students with meaningful components of physics instruction.

**BIOLOGY: Full Year.** This course covers a wide range of biology content including biochemistry, cells, cell division, genetics, DNA, evolution, ecology, and comparative anatomy. Students enrolled in this class must possess advanced reading and writing skills. The class will move at a fast pace, including a high volume of class notes and independent study by the student. Students will be asked to think critically and create their own experiments in order to solve real world problems and support personal opinions for current ethical dilemmas relating to the field of biology.

**GEOGRAPHY FOR LIFE: Full Year.** This course uses the five themes of Geography to examine the relationship and interaction of physical geography with the characteristics, traits and cultural aspects of human life. Students in the yearlong course study the physical Earth as a whole and all world regions while students in semester-long courses only study the physical Earth as a whole and the western hemisphere. The first term covers physical geography including map skills, spatial perspectives, climate, weather, etc. The majority of the year then focuses on exploring all seven continents with their unique identities, issues and interactions with the various peoples and cultures of the world.

**AP HUMAN GEOGRAPHY: Full Year.** This is a full-year course offering for 9<sup>th</sup> Grade Honors Social Studies students. The AP course will include in-depth study of Human Geography topics. Not only will students gain knowledge of place-name geography and a basic understanding of world cultures, they will also learn about population issues, economic geography, urbanization, globalization, and political geography. This is an advanced course which is designed to prepare students to take the AP Geography test in the spring. **As such, students in this course may be exposed to questionable content that is reflective of a college level course.** Students who choose to take and pass the AP exam may receive college credit.

**PE – SKILLS AND TECH 9: Half year.** This class includes a variety of co-ed activities with emphasis on healthy lifestyles and good sportsmanship. Activities will aid in developing motor skills, individual coordination and the cardio-vascular system. Skills testing will be at an advanced level. A recommended P.E. uniform will be used.

## ELECTIVE COURSES

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### CAREER AND TECHNICAL EDUCATION

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**SEWING CONSTRUCTION 1: Half Year.** This course teaches students basic clothing construction skills to prepare students for the exciting global apparel industry. A state test will be given at the end of the semester to show what the student has learned.

**FOOD AND NUTRITION: Half Year.** This class is designed for students who are interested in understanding the principles of nutrition and maintaining a healthy lifestyle. Attention is given to the selection and preparation of food and personal health and well-being. A state test is given at the end of the semester to show what the student has learned.

**INTERIOR DESIGN: Half Year.** This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. A state test is given at the end of the semester to show what the student has learned.

**Teaching as a Profession I: Half Year.** Learn more about yourself, how to learn and how human development influences learning. Explore careers in education including teaching, school counseling, media services, or other education professions. Learn about the past, present and future of education in the United States. Create an electronic portfolio that will continue throughout the Education and Training pathway.

**CONSTRUCTION TECHNOLOGY 1 (FIRST YEAR STUDENTS): Half Year.** This class is a beginning shop class intended to introduce students to hands-on building and problem-solving activities associated with technology. Emphasis is placed on safe tool use, project planning and design, calculating costs and selecting materials, and the construction of the projects. Activities may include boomerangs, wood pens, penny hockey boards, clip boards and gumball machines. The second half of the course provides the students the opportunity to design and build personal projects based on their interests and ability level. Students must pay for materials used on their personal projects before they may be taken home. **DO NOT TAKE IF YOU HAVE TAKEN EXPLORING TECH IN 8<sup>TH</sup> GRADE.**

**CONSTRUCTION TECHNOLOGY II (SECOND YEAR STUDENTS—MUST HAVE INTRO TO CONSTRUCTION I OR EXPLORING TECHNOLOGY): Half Year.** This class is designed to be a follow up course to Exploring Technology. Class objectives for the first part of the class will address the safe use of tools in the shop with an emphasis on the construction of structures, primarily residential homes. Emphasis will be placed on framing as well as the plumbing, electrical and HVAC systems within the home. Other topics might include roofing, painting, floor tile, sheetrock, and finish carpentry. The second term of this class is dedicated primarily to personal projects of the student based on their interests and ability level. Students are responsible to pay for all personal projects.

**EXPLORING COMPUTER SCIENCE: Half Year.** This course fulfills the Digital Studies High School Graduation Requirement. This class will introduce students to the field of computer science. The course is designed to focus on the ideas of why certain tools or languages might be used to solve particular problems. The goal of Exploring Computer Science is to develop thinking practices of algorithm development, problem solving, and programming within the context of problems that are relevant to the lives of today's students. Students will be introduced to topics such as interface design, limits of computers, and societal and ethical issues. This class is the gateway course to the CTE Information Technology Pathway.

**INFORMATION & COMMUNICATION TECHNOLOGY: Half Year.** This is a fun and challenging class that focuses heavily on the use of technology and digital media. Class projects will be rewarding, useful and fun using great software including Adobe Illustrator, Adobe Photoshop, 3-d Home Architect, and Google Sketch-up. Class projects include designing and making vinyl stickers, notepads, stamps and custom designed t-shirts as well as simple animations and movies. The lab fee for this class is \$10.00.

### FINE ARTS

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#### ART:

**ART 1 (1<sup>ST</sup> YEAR ART FOR 9<sup>TH</sup> GR): Half year.** This entry level art class is for all students in 7<sup>th</sup>, 8<sup>th</sup> & 9<sup>th</sup> grades. It is the prerequisite for all other art classes offered in Utah's secondary schools. Students will make art and express themselves using a variety of art techniques. The basic elements of art which are line, shape, value, space, color, texture, and form will be used. Students will draw daily. They will study artists and their history. They will critique their own and peer artwork.

**ART 2 ADVANCED: Half Year. PRE-REQUISITE: ART 1 (7<sup>TH</sup>, 8<sup>TH</sup>) OR ART 2 (9<sup>TH</sup>).** Students will make art and express themselves using a variety of 2-dimensional techniques. They will use the principles of visual art including rhythm, unity, contrast, emphasis, balance, pattern, and movement as well as the basic elements of art which are line, shape, value, space, color, texture, and form. Students will draw daily. They will study artists and their history. They will critique their own and peer artwork.

**3D DESIGN 1: Half Year. PRE-REQUISITE: ART 1 (7<sup>TH</sup>, 8<sup>TH</sup>) OR ART 2 (9<sup>TH</sup>).** Students will make art and express themselves using design, engineering, and a variety of 3-dimensional media. They will use the principles of visual art including rhythm, unity, contrast, emphasis, balance, pattern, and movement as well as the basic elements of art which are line, shape, value, space, color, texture, and form. Students will draw daily. They will study artists and their history. They will critique their own and peer artwork.

**3D DESIGN 2: Half Year. Pre-Requisite 3D Design 1.** This class is for 9<sup>th</sup> grade students only. This is not a repeat of 3-D Design 1 but introduces more in-depth focus and time outside of class will be necessary. Students will make art and express themselves using design, engineering, and a variety of 3-dimensional media. They will use the principles of visual art including rhythm, unity, contrast, emphasis, balance, pattern, and movement as well as the basic elements of art which are line, shape, value, space, color, texture, and form. Students will draw daily. They will study artists and their history. They will critique their own and peer artwork.

**Drawing I: Half Year. Pre-Requisite Art 1(7<sup>th</sup>,8<sup>th</sup>) or Art 2(9<sup>th</sup>).** Students will use a variation of drawing techniques such as; perspective, blind eye, scribble, gesture, value shading, graphing and others. They will use elements and principles of visual art. They will use a variety of mediums such as; pencil, pen, charcoal, colored pencil and others. They will study artists and their history. They will critique their own and peer artwork.

#### **DANCE:**

**DANCE 1A: Half Year. May be taken only once.(Elective, No PE credit)** Dance 1A is a beginning level dance course which builds skills in dance technique, improvisation and composition. Emphasis is placed on dance history and the elements of modern dance. Class Fee \$5.00

**DANCE 1B: Half Year. May be taken only once. Prerequisite: Dance 1A.(Elective, No PE Credit)** Dance 1B is a beginning/intermediate level dance course which builds dance knowledge and skill in techniques, improvisation, choreography, artistic expression, performance, history, culture, life skills and makes connections with other curricular areas. Class Fee \$5.00

#### **MUSIC:**

**BEGINNING BAND—BRASS: Full Year.** The following instruments are played in this class: tuba, trombone, french horn, baritone and trumpet. This class is open to all students. No musical experience is required. With the guidance of Mr. Frohm, students will choose an appropriate instrument and then learn basic musicianship skills on that instrument throughout the school year. This band will perform two concerts throughout the year. Tubas, baritones, and french horns are available to rent from the school for \$95.00 per school year. Class fee: \$5.

**BEGINNING BAND--WOODWIND: Full Year.** Students choose from the following woodwind instruments: oboe, bassoon, clarinet, and flute. Students who desire to play the saxophone begin on the clarinet; and auditions are held early in the second semester for a few students who wish to switch to the saxophone and/or bass clarinet. This class is open to all students. No musical experience is required. With the guidance of Mr. Frohm, students will choose an appropriate instrument and then learn basic musicianship skills on that instrument throughout the school year. This band performs two concerts throughout the year. Oboe, bassoon, and bass clarinets are available to rent from the school for \$95.00 per year. Class fee: \$5.

**BEGINNING BAND--PERCUSSION: Full Year.** Through group instruction and individual practice, students will build upon prior musical experience learning note names, note values and rhythms using a mallet keyboard and practice pad. In order to determine placement in this class, **students must pass a basic music proficiency test. This is NOT a playing test but a written theory test.** There is an instrument usage fee of \$47.50 for this class.

**ORCHESTRA 1: Full Year.** This class will prepare students to meet the requirements for the concert orchestra experience. Elementary orchestra is helpful but is not a prerequisite. Private lessons are strongly encouraged, especially for those students who did not participate in their elementary school orchestra program.

**ORCHESTRA 2: Full Year. PREREQUISITES REQUIRED.** Students should have played at least one year in a string ensemble. This can be waived through an audition with the teacher. The audition will require the student to perform a solo piece and display their ability to sight read. Students in this class must be able to perform all 12 major scales in one octave and play and write a one octave chromatic scale both ascending and descending. Students must display the ability to read and identify notes and understand rhythms and how they work. Practice outside the classroom is required. Private lessons are encouraged, this is our performing group.

**CHOIR 1 S/A - BEGINNING: Full Year.** Open to all students with no previous choral experience. This is the beginning level for female singers. Students will learn to read, perform, create, and evaluate choral music. This choir class will perform in four concerts at CJHS.

**CHOIR 1 T/B - BEGINNING: Full Year.** Open to all students with no previous choral experience. This is the beginning level for male singers. Students will learn to read, perform, create, and evaluate choral music. This choir class will perform in four concerts at CJHS.

#### **THEATRE:**

**THEATRE I: HALF YEAR.** This beginning theatre course will take students through the basics of acting; involving movement, improvisation, concentration, vocal and physical warm-ups, and other techniques. Students will also be involved in basic technical design and playwriting. One end of semester performance will give the students the opportunity to showcase the things they have learned.

**THEATRE II: Half Year.** Students must have taken THEATRE 1. This class is a continuation of the material learned in THEATRE 1. Students will focus more on theatre history, playwriting, and advanced acting skills. One end of semester performance will give the students the opportunity to showcase the things they have learned.

## FOREIGN LANGUAGE

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**CHINESE 5 DLI HONORS: Full Year.** This course is *only* for students in the Chinese Immersion Program. Chinese DLI is a course designed to facilitate the continuing development of Chinese Immersion students progressing from a recognized Chinese Immersion program within the State of Utah. The course will emphasize listening, speaking, writing and reading Chinese through 6 thematic units of instruction.

**CHINESE CULTURE & MEDIA COURSE: Half Year.** This course is *only* for students in the Chinese Immersion Program. Chinese Culture and Media is designed as a single semester companion course to Chinese DLI. Students will study the related 6 thematic units of DLI and in addition incorporate Chinese culture and media using a wide range of technological resources. This course has strong elements of Pre-Advanced Placement methodology and is considered preparatory to the AP Chinese Course that will be offered in the 9th grade.

**SPANISH 1: Full Year:** Emphasis on proficiency with conversation, simple everyday vocabulary, and basic grammar. Goal is to demonstrate Novice Mid proficiency by the end of the year. This class teaches speaking, Interpretive: listening and reading skills, Interpersonal: speaking and listening skills, Presentational: speaking and writing skills in the target language. Cultural: practices, products, and perspectives are presented which may include historical and geographical information. It is recommended that students taking this class have average or above average skills in English. Introductory classes are offered at all three grade levels. Students who cannot meet the Novice Mid expectations by the end of the year should not progress to the next level.

**SPANISH 2: Full Year. Pre-Requisite: Spanish I:** Continuation of 1st year program for those with Novice Mid proficiency in Spanish I. Students who do not meet proficiency standard for 1st year should consider retaking Spanish I before enrolling in Spanish II. Emphasis on improving Interpretive, Interpersonal, Presentational and Cultural proficiency with increased vocabulary, reading, writing, listening, and speaking skills.

**SPANISH 3: Full Year. Pre-Requisite: Spanish II.** Continuation of 2nd year program for those with Novice High proficiency in Spanish II. Students who do not meet proficiency standard for 2nd year should consider re-taking Spanish II before enrolling in Spanish III. Emphasis on improving Interpretive, Interpersonal, Presentational and Cultural proficiency in the language.

## LANGUAGE ARTS

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**Enriched Reading: Half Year.** This course is designed to not only strengthen students' reading comprehension skills, but also to inspire them to be lifelong readers. Students will read widely from both fiction and non-fiction and will expand their ability to understand a variety of complex texts. This course is designed to be extremely enjoyable, while at the same time preparing students with the reading skills necessary to be successful throughout their entire educational experience.

**CREATIVE WRITING: Half Year.** Creative writing provides an opportunity for creativity through writing of poetry, short stories, and narratives. It will help the student develop skills in the structure of writing.

**Yearbook: Full Year. Limited enrollment (15).** Open to 8<sup>th</sup> and 9<sup>th</sup> grade students who are interested in creating the school yearbook. Students must have a 3.0 GPA or higher to be considered. Students must be independent workers who manage their time effectively and efficiently and will be willing to spend the extra time and effort needed to produce a quality product. Yearbook deadlines must be met and will be an integral part of the grade. Students will be required to attend events before and after school to take pictures for their pages.

## PHYSICAL EDUCATION

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**GET FIT: Half Year.** This course is designed for continued improvement of physical fitness and skill. Get Fit is an elective course that mirrors the traditional PE class, with skills tests and aerobic activities, but it does so with non-traditional sports. This course will include alternative team sports like Field Hockey, Team Handball, Rugby, Pesäpallo, and Sepak Takraw. The course will also include aerobic activities like Kickboxing, Tae-bo, Zumba, Yoga, Cross-fit, and various kinds of dance. This course is open to all students interested in physical fitness and learning new sports.

**INDIVIDUAL LIFETIME ACTIVITIES: Half Year.** Students in this course will participate in a variety of lifetime activities that contribute to sustained fitness and well-being. There is a \$10 fee to pay for off-campus activities and transportation that may include bowling, swimming, racquetball, range golfing, and weight training. Students will also participate in a variety of on campus activities.

## OTHER

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**RELEASE TIME (SEMINARY) - Full year. Open to all 9<sup>th</sup> grade students:** The only requirement is a signed card on file in the seminary.

## COURSES REQUIRING AUDITIONS, TRYOUTS OR APPLICATIONS

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### BAND

**ADVANCED PERCUSSION: Full Year.** Students' progress from Beginning Percussion into this class. **All must demonstrate proficiency in music and percussion to Mr. Frohm for admission to the class.** The students participate in four concerts and several festivals during the year. Groups from this class have won awards at state level percussion competitions. There is an instrument usage fee of \$95.00 for this class.

**CONCERT BAND: Full Year.** In this course, students continue to master basic musicianship skills on the instruments they chose during their beginning year. The group is mostly made up of second year players. The students participate in four concerts and 1-2 festivals during the year. Students can continue to rent instruments from the school if needed for \$95.00 per year. Class fee: \$10.

**JAZZ BAND: Full Year.** This group is made up of saxophones, trombones, trumpets and a rhythm section that includes piano, drums, guitar and bass. Each student must have at least one year of experience on their instrument. **Auditions for the class are held at the beginning of each school year.** The class meets before school every Monday, Wednesday and Friday from 7:00-7:45 AM. Students must be enrolled in either a band or an orchestra class to participate in this class. The group performs at school concerts and festivals during the year and represents one of the best in the state. A participation fee is assessed by the district each term. Students also receive a grade and an arts credit for Jazz Band.

**SYMPHONIC BAND: FULL YEAR.** Students work on advanced rhythm skills and develop quality ensemble skills. This is the top band at CJH. Students will perform several times throughout the year showcasing their talents and abilities to the school, our community and even at the state level. It is regarded as one of the premier bands in the state. Students can continue to rent instruments from the school if needed for \$95.00 per year. Class fee: \$10.

## CHOIR/THEATRE

**CONCERT CHOIR--CHOIR 2: Full Year.** Students must be approved by choral director in order to enter this class. This class will be mostly students who have passed the beginning level of choir. This choir class will perform in four CJHS concerts, as well as other community performances.

**Performance uniform required.**

**MADRIGALS—CHOIR 3: Full Year.** Select group chosen from Advance Choir class. Students must have taken at least one semester of choir previously. This is an accelerated course with many community and school performances. No N's or U's will be allowed. **Performance uniform required.**

**MUSICAL THEATRE: Half year.** Students will gain an appreciation for musical theatre through participation in a musical theatre performance. Students will learn how to audition, rehearse, and perform integrating aspects of music, dance, and acting. No N's or U's will be allowed. **Auditions are held after registration; therefore, students are registered in this class following the audition process.**

## LEADERSHIP

**CHEERLEADING: Half Year.** Cheerleaders will cheer and perform at athletic events, school assemblies and community parades. As well as participate with Student Government in school activities. Try-outs held in the spring. Students are required to attend practices, cheer camp and other school events throughout the spring and summer prior to the school year. **Eligibility --** Any student who seeks to be a cheerleader must have maintained a minimum GPA of 3.0 with no F's and no U's in each of the three terms preceding elections or tryouts. An N citizenship grade may have an adverse effect on the applicant's score. Once selected, cheerleaders may not receive any F or U, and must maintain a GPA of 3.0 during each term of office. Determination of academic and citizenship eligibility shall be made no later than the seventh calendar day following the last day of the grading period. Grade changes after that time cannot restore lost eligibility.

**STUDENT GOVERNMENT: Full Year.** Students who are elected will perform various student leadership responsibilities such as: attending sporting events; planning school activities and dances; putting on assemblies; planning Sub 4 Santa; and planning field day. **Eligibility --** Any student seeking office must have maintained a minimum GPA of 3.0 in each of the three terms preceding elections. Candidates must not have received any F's or U's during the previous three terms. Appointed officers must meet the same requirements. An N citizenship grade may have an adverse effect on the applicant's score. Determination of academic and citizenship eligibility shall be made no later than the seventh calendar day following the last day of the grading period. Grade changes after that time cannot restore lost eligibility.

## MATHEMATICS

**SECONDARY MATH II HONORS: \*\*ENTRANCE TO THIS COURSE THROUGH DEMONSTRATED COMPETENCY\*\* Full Year.** Specifically, for those students who have completed Secondary Math I Honors. This course will help prepare students for Secondary III Honors and then AP Calculus. DESK standards and content taught in this class can be found on the district website.

**SECONDARY MATHEMATICS III HONORS: \*\*ENTRANCE TO THIS COURSE THROUGH DEMONSTRATED COMPETENCY\*\* Full Year.** This course is specifically for those students who have successfully completed Secondary Math II Honors. This course will help prepare students for AP Calculus. DESK standards and content taught in this class can be found on the district website.

## OTHER

**PEER TUTOR: Half-Year.** Work with students with disabilities in reading, writing, math and general education classes. Peer tutors accompany students with disabilities to their classes.

**TEACHER ASSISTANT/ OFFICE AIDE/ COUNSELING AIDE: Half-year.** Students selected through an application process in the Spring. Students will assist teachers, main office or counseling center with various tasks