

## **8<sup>th</sup> GRADE REGISTRATION 2021-2022**

The Davis County School District does not discriminate on the basis of sex or race in the educational programs or activities which it operates, as required by Federal Regulation, Title IX.

### **ENGLISH**

**English (Full Year):** English 8 students will practice reading, writing, and discussion skills. Reading strategies will be used to increase comprehension and enable students to write more complex texts. Students will especially focus on inquiry, argument, and informational writing. Students will be required to read one book outside of class per term and complete book assessments. Students will write an essay each month, which may require occasional homework. There will be plentiful practice and review in class.

**English Honors (Full Year):** Honors English 8 students will improve reading, writing, inquiry, and presentation skills through project-based cognitive development and rubrics. Students will focus on reading/analyzing complex texts and writing narrative, argumentative, and informational pieces. They will also develop skills in word meanings, point of view, sentence patterns, and other focus areas. Honors students are expected to handle rapid pacing, increased rigor, and greater complexity in learning situations. They will be exploring relevant, powerful themes as they learn. They will be using the Summit Platform to access and drive this learning in conjunction with teacher instruction and group collaboration.

### **SOCIAL STUDIES**

**U.S. History 1 (Full Year):** This course will center on the development of the United States from the exploration and colonization of North America to the development of the Western U.S. to 1890. The cause and effect of events on the beliefs and attitudes of American citizens and the contributions of the various national, religious, ethnic, and gender groups will be analyzed. Students will focus on improving their skills in the areas of writing, research, organizing and analyzing information.

**U.S. History Honors (Full Year):** Focusing on depth and breadth, U.S. History Honors students will demonstrate their knowledge of U.S. History through written and verbal communication. Research methods and reliable resources will be discussed specific to historical topics. By studying current events, students will be better prepared to recognize historical patterns. Students will have the opportunity to present a personal history and to record an oral history. Students will analyze and articulate the difference between cause, effect and events leading to major wars and battles. In addition, students will keep a weekly reflection journal by recording meaningful knowledge gained and its relevance to historical events.

## **MATHEMATICS**

**8th Grade Mathematics (Full Year):** Instruction will focus on four critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two-and three dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem; (4) operations with rational and irrational numbers.

**Co-Requisite Supplemental Math (Semester):** Co-Requisite Supplemental Math is intended to increase student understanding and achievement by increasing time, intensity and access to high-cognitive rigor for on-grade level core standards. This course focuses on pre-teaching on-grade level material before students learn the curriculum in the regular math class and secondarily focuses on reteaching on-grade level curriculum. Opportunities that teach prerequisite skills are directly tied to and taught in context of on-grade level content. Students can expect to be exposed to frequent and regular use of task-based learning in order to meet these objectives as well as regular and intentional interactions with the teaching and learning Mathematical Practices.

**8th Grade Mathematics Honors (Full Year):** This course will cover the four critical areas listed in 8th Grade Mathematics Course and add extra topics and concepts that would interest an advanced middle school student. Some examples of the extra topics include but aren't limited to: 3-dimensional graphing, graph theory, concepts of fair division and apportionment, sets and set notation, voting methods, and matrices. Concepts will be explored in greater depth with increased use of contextual situations. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

**Secondary Math I Honors (Full Year):** This 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.

## **SCIENCE**

**Integrated Science 8 and Integrated Science 8 Honors:** focuses on matter and energy in nature.

- Students will explore how matter is arranged and how substances store and transfer energy, which can cause them to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans.
- Matter and energy cycle and change in ecosystems through processes that occur during photosynthesis and cellular respiration.
- Additionally, substances that provide a benefit to organisms, including humans, are unevenly distributed on Earth due to geologic and atmospheric systems. Some resources form quickly, allowing them to be renewable, while other resources are nonrenewable.
- Evidence reveals that Earth systems change and affect ecosystems and organisms in positive and negative ways.

**Honors Students** are required to participate in a Science Experimental Project during terms 1 and 2 in preparation for participation in the district STEM Fair. The project topic will be student selected with teacher approval. The work is done at home with check points throughout both terms.

## PHYSICAL EDUCATION/HEALTH

**Fit 8 (Semester):** Students in level 8 will develop lifetime attitudes regarding physical activity and healthy lifestyles. The movement and fitness curriculum is based upon the assumptions that (1) skill development is ongoing and progressive, (2) lifetime activity attitudes that are best internalized by continued practice, (3) students need to incorporate principles of fitness into their daily lives. The program is a sequence of experiences in several activities to challenge all ability levels. It focuses on social interaction and cognitive learning, as well as skill development, with progressive levels of difficulty.

**Health Education 1 (Semester):** A course to help students become aware of a complete idea of health. This idea includes physical, mental and social health. Physical health is about yourself and how you handle relationships. To make the best decisions you need sound accurate information and how to apply this information to your own life. The following areas will be covered in the course, mandated by state law: alcohol, tobacco, drugs, STDs, physical changes of adolescence, human reproduction, fetal development, the family unit, and decision making.

## WORLD LANGUAGES

**DLI Chinese 4:** This course continues the development of speaking, listening, reading and writing skills. Authentic resources are used to reach proficiency goals and to teach grammar and expand vocabulary. Culture and geography of the target culture are taught through printed and audio texts as well as class discussions and projects.

### **DLI Chinese Culture, History & Media (must be enrolled in Chinese Immersion Program)**

**Semester:** The Culture & Media course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers. Students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspectives of countries. The topics and task for the 7<sup>th</sup> and 8<sup>th</sup> grade years, along with careful support for students to reach proficiency targets, lead intentionally to the Chinese AP Language & Culture course content.

**DLI French 4:** This course continues the development of speaking, listening, reading and writing skills. Authentic resources are used to reach proficiency goals and to teach grammar and expand vocabulary. Culture and geography of the target culture are taught through printed and audio texts as well as class discussions and projects.

### **DLI French Culture, History & Media (must be enrolled in French Immersion Program) Semester:**

French Culture and Media is designed as a single semester companion course to French DLI. Students will study the related 6 thematic units of DLI and in addition incorporate French 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 French Course that will be offered in the 9<sup>th</sup> grade.

**Spanish 1 (Full Year):** What do you want to do when you grow up? No matter what it is, knowing a second language can be very helpful - especially if that language is Spanish. Join us as we embark on a great adventure, learning about the language and culture of the Spanish-speaking world. Hear it, speak it, read it and write it in a supportive environment using many different methods and activities. ¡Viva el español!

**Spanish 2 (Full Year):** Second year Spanish takes up where the first year left off. By the end of this year students should be able to carry on basic conversations on several topics, building on their knowledge from the previous year. Students will be able to show off skills in creative ways using stories, games, and

activities. Students will continue to broaden cultural horizons as they learn about the people and places where Spanish is spoken. Students are also eligible to participate in the BYU Language Fair this year. ¡Vamos!

**Spanish 3 (Full Year):** Students have put in all the effort to learn the basics. They have realized the importance of knowing a second language. Spanish III, they will be refining speaking skills and learning the fine points of the language structure. Students will delve into some art and literature along with the language. There may be an opportunity to attend the festivities at the BYU Foreign Language Fair (a nice pay-off for all your hard work). We may act out plays, write our autobiographies, or learn to do the salsa. ¡Fantástico!

## **CAREER and TECHNICAL EDUCATION**

**Creative Coding (Semester):** Creative Coding through Games and Apps is a first-semester course for introduction to programming for the early secondary grades. The course is designed to attract and reach a broad and diverse range of students, including those who may have never considered programming. Students learn how to code by working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

**Digital Literacy (Semester):** This course is an introduction to computer literacy. Students will have opportunities to develop innovative products and processes using technology that encourages creativity, critical thinking, productivity, and collaboration in the classroom and day-to-day life. Students will demonstrate a sound understanding of technology concepts, systems and operations. Students will understand human, cultural and societal issues relating to technology, digital lifestyles, and practice legal and ethical behavior. Skills will be demonstrated by creating a project for a different content area. This course is aligned with national and international standards and the Utah Core to prepare students across multiple levels of skills.

**Exploring Technology 2 (Semester):** This course incorporates math, science, and technology to solve everyday problems. Exploring Tech II is Design and Modeling. The students will be using 3-D modeling to introduce the design process. Students will learn how 3-D modeling has influenced their lives and they will create models to solve problems. The course includes hands-on projects like: air rockets, air-racers, boomerangs and CO<sup>2</sup> dragsters. The emphases of this class is on technological read and follow instructions. **There is a lab fee attached to this class.**

**FCS Explorations (Semester):** This course provides students the opportunity to develop essential skills in the various career pathways related to Family and Consumer Sciences (FACS). Students will explore and cultivate skills in food and nutrition sciences, childcare, interior design, clothing and textile construction, fashion design and merchandising, consumerism, entrepreneurship, family relationships, personal responsibility, and career and job-related tasks. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. **There is a lab fee attached to this class.**

## **MUSIC/FINE ARTS**

**Band 1 Percussion (Full Year):** Percussion is beginning instruction in playing percussion instruments. Emphasis is on rhythm and note reading. No drum set playing is taught. **Students must have one or more**

**years of** successful piano lessons to be considered for the percussion section. Interested students should contact the Band Director in the spring.

**Band 1 Beginning Brass (Full Year):** This class is for all students who are interested in learning to play a brass instrument. No musical experience is necessary; just bring a desire to learn an instrument. Beginning brass incorporates the following instruments: trumpet, trombone, French horn, baritone, and tuba.

*Most parents obtain an instrument by renting with the option to buy from a music store. In the past, the cost has been approximately \$15.00 per month. A limited number of larger band instruments are sometimes available through the school for rent. The school has French horns, baritones, trombones and tubas to rent for \$95.00 for the year.*

**Band 1 Beginning Woodwinds (Full Year):** This class is for all students who are interested in learning to play a woodwind instrument. No musical experience is necessary; just bring a desire to learn an instrument. Beginning woodwinds incorporates the following instruments: flute, clarinet, and oboe. Those who desire to play piccolo must first play the flute for at least two years. Those who desire to play saxophone must first play the clarinet.

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**Band 2 (Full Year):** This course is for band students who have played an instrument in beginning band for one year and have demonstrated the ability to play their instrument at an intermediate level. Students must have the approval of the band instructor.

**Band 3 (Full Year):** This course is for outstanding band students who have excelled musically and who are technically proficient with their instrument(s). Students must have the approval of the band instructor.

**Orchestra 2A (Full Year):** Intermediate orchestra is intended to be a continuing course for students who have completed at least two years in an orchestra program, or who have had at least two years of private string instruction. Students who have not completed this requirement may not register for this class without prior consent from the orchestra instructor. This class is primarily a performance class with several opportunities to perform individually and as a group. The group will participate in several community concerts and in adjudicated festivals throughout the year. Framework for the class follows the

**Art Foundations 1 (Semester):** This class will have special emphasis on introductory exploration of the world of art. Projects will introduce the student to art principles and elements such as line, balance, value, proportion, etc. Projects would include but not be limited to collage, cartooning, shading and perspective.

**Art Foundations 1A 2D Art (Semester):** This is a continuation of Foundation I with increased emphasis on the elements and principles of line, balance, value, proportion, etc. Projects will include working with pastels, watercolors, colored pencil, print making and lettering. (Art 1 pre-requisite)

**Choir 2 (Full Year):** This course will emphasize proper vocal technique in a four part voice setting, along with the basics of music theory. Students will develop active listening skills and an appreciation for a variety of genres. Students will learn to sing accurately by reading music notation, producing acceptable tones, using proper diction and responding to the interpretations of the music.

**Theater 1:** In this class, students will develop basic techniques of acting and gain a deeper appreciation of theatre as an art form. Students will explore various periods of theatre history through observation and performance. Students will be required to work in groups. The majority of the grade for this class is based on in-class participation and attendance.

## **ELECTIVES**

**Creative Writing 1 (Semester):** Students will focus on the art of storytelling, for both fiction and non-fiction, in several genres. Principles of plot structure, characterization, voice, dialogue, description, and point of view will be studied and practiced, with the end goal of producing polished prose, poetry, and dramatic writing. At the end of the course, students should have the student who enjoys writing and composing and is looking to improve their ability to bring their ideas to life on paper. This course is not designed to remediate basic skills in grammar and spelling.

**Current Issues 1 (Semester):** In this course students will learn about issues that affect our political and social lives today and will include topics such as: fake news, bias, journalism, discrimination, plastic in our environment, political parties in the US, child labor, homelessness, and opioid addiction.

**Current Issues 2 (Semester):** In this course students will extend their study of issues that affect our political and social lives today, emphasizing issues surrounding immigration, gun control, separation of church and state, GMOs, mandatory vaccinations, international conflicts, tariffs and minimum wage.

**Introduction to Python 1 (Semester):** There are many coding languages being used by computer coders but one of the most used, and growing in popularity, is Python.

This course will take you through the basics of Python 3 and help you build your skills to the point where you will be able to create simple games and work on and edit more complex games through the use of Python coding language. Students will become fluent in the understanding and use of basic Python syntax including learning how to create and use variables, define and use functions, while-true loops, if/else statements, multipliers and more. We will create some of our own sprites (game characters) and use these in Python coded games of student's creation.

If you have done some work in Python already, great, but no previous coding experience is necessary for this course.

**Journalism 1 (Semester):** Journalism 1 gives students the chance to explore the nature and ethics of news. Students will learn to identify newsworthy topics, conduct interviews, and write stories based on real school and community events. Students in this class will need to be self-motivated and creative. They must be prepared to work closely and productively on their own and with others. They must be prepared to do some work outside of class and should enjoy writing.

**Journalism 2 (Semester-Journalism 1 pre-requisite):** allows students to apply their reporting skills in a broadcast setting. Students will gather video footage, prepare scripts, and act as news anchors in a school recording studio. Students in this class will need to be self-motivated and creative. They must be prepared to work closely and productively on their own and with others. They must be prepared to do some work outside of class and should enjoy public speaking and writing.

**Leaders of the World (Semester):** In this course students will study leaders of countries, societies, and religious organizations throughout history. Students will also examine the dynamics of power and authority and how leaders have risen to positions of influence throughout the world.

**LIA Peer Leadership- Latinos in Action (Semester or Full Year):** The mission of the Latinos in Action class is to empower our Latino youth through culture, service, leadership and excellent education with the sole purpose of graduating from college. This class trains students as paraprofessionals who visit and tutor local elementary school children. LIA students also learn and improve their leadership skills through their roles with LIA. LIA students organize activities and initiate service projects together. **In order to participate in the Latinos In Action class, students must maintain a GPA of 2.5 or higher and submit an application.**

**Literature Survey (Semester):** This enriched reading class will focus on contemporary literature and issues. Students will learn reading strategies by connecting themes to relevant world problems.

**Mock Trial (Semester):** In this course students have the chance to be involved in a simulated courtroom experience. They will be provided facts, signed affidavits, and other legal information regarding court cases. Students play roles of witnesses, attorneys, clerks, and bailiffs in courtrooms. Students prepare to participate in a state competition.

<https://www.lawrelatededucation.org/programs/mock-trials>

**National Academic League:** The National Academic League is a class that combines competitiveness, strategy, teamwork, and cooperation in a group effort focusing on learning problem solving skills, critical thinking, and scholarship. In this class, students will cover game strategies as well as content from Math, English, Science, History, Geography, and Current Events. The skills used in a National Academic League competition have a lot of applications in other classes. If you are interested in being on the team, this is a good resource to prepare, if you are not interested in being on the team, it is a good place to build your skill set, and learn strategies for success.

**Peer Tutor (Semester):** Peer tutoring is a fun opportunity for students to develop leadership skills while supporting another student. Peer tutors accompany a student to class and help them be successful academically. Additionally, peer tutors build positive relationships and make an impact on the life of a student! One student said, "In, peer tutor, I get to make friends and make people feel special. I feel like I am being helpful and peer tutor has helped me to realize that I can't focus on myself, instead I need to focus on helping others."

**Study Skills (Semester):** This is comprehensive positive youth development, organization, and study skills program. The program focuses on young adolescent's life and citizenship skills with a caring and consistent environment.

**We the People (Semester):** In this course students will gain skills such as critical-thinking, problem-solving, and cooperative-learning techniques while increasing their understanding of the institutions of American constitutional democracy. Students will prepare to participate in a state competition.

<https://www.lawrelatededucation.org/programs/we-the-people-the-citizen-a-the-constitution>

**Yearbook (Full Year):** Welcome to the yearbook staff! The yearbook course is designed to introduce, strengthen, and eventually apply technical and photo taking skills through the actual production of the school yearbook. Students will build skills in teamwork, brainstorming, content management, responsibility, writing, graphic design, photography and distribution. The final product of this class will be the school yearbook which will reflect the standard of excellence that Muller Park Junior High continually strives to meet. I look forward to a fantastic year working with you. **Application Needed**

**Yoga/ Zumba/ Aerobics (Semester):** This class will teach the importance of flexibility, stress relief, health, and physical fitness. This class will focus on different types of Aerobic and cardiovascular workouts. Studies indicate that yoga can help reduce high levels of cholesterol and help prevent heart disease. Zumba and aerobics involve high levels of a cardiovascular workout, dance and muscle building.

