**9th Grade Core Classes**

**Earth Systems~** Earth Systems makes the connections between the Biosphere, Atmosphere, Hydrosphere, Lithosphere and the Universe. It shows how we are connected and affected by the world we live on. Plate Tectonics, earthquakes, volcanoes, the sun and planets and all things in outer space. **Full year**

**Biology~** Students will understand that living organisms interact with one another and their environment. Explain relationships between matter cycles and organisms. Describe how interactions among organisms and their environment help shape ecosystems. **Full year**

**Geography~** Students will understand the world in spatial terms. Use maps and other geographic tools to acquire information from a spatial perspective. Explore the concept of mental maps to organize information about people, places, and environments. Analyze the spatial organization of people, places and environments on the Earth’s surface. Students will understand the human and physical characteristics of places and regions. **Half year**

**AP Human Geography~** Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. **Full year**

**Participation Skills~** This semester offers students instruction in lifetime activities and fulfills one P.E. requirement for high school graduation. Individual, dual and team sports activities are included with the emphasis on activities offering lifelong participation opportunities. **Half year**

**Language Arts~ Full year**

**Secondary Math I~ Full year**

**Computer Tech~** An introduction to computer application software that encompasses document processing, spreadsheets, and presentations. An understanding of ethics and use of operating systems, information resources, and electronic mail is included. Skills will be demonstrated by creating and presenting a project for a different content area. Microsoft Office Specialist Certification can be earned in Word 2013 and Excel 2013. **Half year**

**9th Grade Elective Classes**

**Intro to Manufacturing Tech~** Intro to Manufacturing is set up for the students to learn the basics of wood construction, which includes hand tools, power tools, finishing and knowledge of different construction techniques. Integrated technology assists in problem solving. **Half year**

**Intro to Communications Technology~** Communications Technology will teach students to store, analyze, manipulate, record, and transmit information through four or more areas(1)Drafting and design and related careers, (2)Electronic communications and related careers, (3)Audio visual/multimedia communications and related careers, and (4)Graphic communications and related careers. **Half year**

**Beginning Choir~** This course provides opportunities for students to develop their musical potential and aesthetic understanding through singing in a choral ensemble. Study includes the care and cultivation of a beautiful tone, aesthetic awareness, and the ability to read music, the building of technical skills, team spirit and responsible rehearsal habits. Attention will also be given to relating their music experiences to personal development. **Half year**

**Advanced Choir~** This is an audition only class for those desiring to have a quality choir experience as well as participate in the musical. **Full or Half year**

**Beginning Band~** This class provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a woodwind, brass, or percussion instrument. No prerequisite course is required. **Full year**

**Intermediate Jazz Band~** First time jazz students will be learning to improvise solos and become part of a traditional Big Band Jazz ensemble. Students will perform a minimum of one ad lib solo at a performance during the semester. **Half year**

**Performance Band~** Students will continue learning to play their chosen instruments from Adv/Beg band. This band will play a minimum of three school concerts, one elementary tour and one state band festival and other performance opportunities as they become available. **Full year**

**Advanced Band~** Students will continue learning to play their chosen instruments from beginning band and perform concerts and band festivals. This class is geared towards second year band students. **Full year**

**Advanced Jazz Band~** Second year jazz band students continue to learn how to improvise and expand their skills and music styles in the Big Band jazz ensemble. Students will perform a minimum of one ad lib solo at a performance during the semester. **Half year**

**Beginning Orchestra~** This class is for students wanting to learn to play the violin, viola, cello, or string bass AND have fun making music. Instruments will be available for rent. Private lessons are strongly encouraged. **Full year**

**Advanced Orchestra~** This is a combined class of intermediate and advanced students and expands upon the concepts learned in Beginning Orchestra. The orchestra will attend festivals and will have solo experiences. Private lessons are strongly encouraged. **Full year**

**Speech & Drama~** This is a great class for students to learn and build confidence performing, acting, and presenting their work to their peers. Learning activities in this class include: Reading and studying plays, scripts, and poems and/or monologues, some stage makeup basics, pantomime, and writing and performing in a film. **Half year**

**Publications~** Students in Publications do many things around Mt. Ogden Junior High. These students are part of a video production crew that puts together MTV News, created the yearbook, writes the school newspaper, Mount Ogden Minute, and puts together bulletin boards and posters to go up throughout the school. A strong commitment to meeting deadlines is required, which may include necessary after school and weekend work. This class is a team effort and good people skills are necessary. Students interested in being in Publications must have a 3.0 GPA or higher and 90% or above in attendance with minimal tardiness. **Full year**

**Spanish~** Students engage in conversations, provide and obtain information, express feelings and emotions, and exchange opinions. Students will understand and interpret written and spoken language on a variety of tipis. Students present information, concepts and ideas to an audience of listeners or readers on a variety of topics. **Full year**

**Art I~** Art I is an introductory class. Art I teaches students to be self-directed artists preparing students with the skills necessary for understanding and exploring art. **Half year**

**Art II~** In Art II, students begin a “journey” of self-directed exploration of different styles and media. With the guidance of the teacher and other “journeymen,” the student artists decide from all our available units which ones they wish to learn. Drawing, painting, collage, digital photography, mask making, printmaking and weaving are all part of the program. **Half year**

**Studio Art~** Studio Art is an accelerated art class. Students are invited to participate based on skill level, behavior and desire to learn. All of the curriculum and media are available to Studio artists. Advanced individual and group instruction is offered as well. **Half year**

**ROTC~** Students will learn to appreciate the ethical values and principles that underlie good citizenship. They will also develop leadership potential, while living and working cooperatively with others and be able to think logically. Students will learn to communicate effectively with others, both orally and in writing. Students will learn to appreciate the importance of physical fitness in maintaining good health and understand the importance of high school graduation for a successful future, and learn about college. **Full year**

**Dynamic Fitness~** Dynamic Fitness is a class that teaches all around lifelong wellness skill including cardio, strength resistance and flexibility. **Half year**

**Introduction to Engineering Design~** Introduction to Engineering Design is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. **Full year**