

BOX ELDER MIDDLE SCHOOL
Guide to Eighth Grade Registration – 2016-17

Fill out all the personal information completely and correctly.
Choose classes carefully! Due to high enrollment, very few class changes will be approved.

All 8th grade students must take the following classes:

The Arts	1 trimester
Language Arts	3 trimesters
Fitness	1 trimester
Health	1 trimester
Science	3 trimesters
Math	3 trimesters
Social Studies	2 trimesters

The balance of the 18 selections are to include any of the other electives listed on the registration form.

Eighth Grade Required Course Information
(Courses listed in same order as registration form)

- A. *All 8th Grade students are charged the same standard fee to register for classes.*
- B. *The Arts* - Select one or more from the following areas: Music, Theater or Visual. Refer to elective course offerings for detailed individual course information.
- C. *Health* – One trimester is required for all 8th grade students.
- D. *Language Arts* - Three (3) trimesters are required for all 8th grade students.
- E. *Math 8 or Math 8 Honors*- Three (3) trimesters are required for all 8th grade students. *Math 8 Honors requires a current math teacher's signature.*
- F. *Physical Education* - One trimester is required for all 8th grade students.
- G. *Science - Integrated Science* - Three (3) trimester class required for all 8th grade students.
- H. *Social Studies - U.S. History I* – Two (2) trimesters are required for all 8th grade students.

It is the policy of Utah Career and Technical Education (CTE) that no person shall, on the basis of race, color, national origin, sex, age or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal assistance. Equal opportunity is a priority of the Utah State Office of Education.

Any persons seeking further information on nondiscrimination policies or wishing to file a grievance under Title VI, Title IX and Section 504 are encouraged to contact Terry Jackson, Assistant Superintendent, (435) 734-4800.

HEALTH - REQUIRED**HEALTH EDUCATION I (1 trimester)**

Health Education offers students an opportunity to acquire knowledge, practice skills, and develop attitudes that can benefit them throughout life. Building a solid foundation of good literacy and decision-making skills can contribute to a variety of healthy choices for self and others. Although the knowledge components are addressed through the seven different content sections, the development of process and life skills and attitudes has been incorporated throughout the entire curriculum.

LANGUAGE ARTS - REQUIRED**LANGUAGE ARTS – 8TH GRADE (3 trimesters)**

The needs of early adolescents are a fundamental concern to middle-level language arts teachers. Teachers attempt to meet the unique needs of these students by using curriculum concepts such as thematic organization, teaming among teachers, appropriate grouping, and interdisciplinary efforts. At the eighth-grade level, the Utah Core requires intensive formal instruction in reading comprehension strategies as well as comprehensive instruction in writing process and continues to support the development of listening and speaking skills in informal situations, and introduces formal speech.

MATHEMATICS – REQUIRED**MATH 8 (3 trimesters)**

In 8th Grade Mathematics students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two-and-three dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

MATH 8 HONORS (3 trimesters) Current Math Teachers Signature is required for placement

In 8th Grade Mathematics Honors students will focus on formulation 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; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two-and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. The honors course includes extra depth and additional topics, such as, 3-D Graphing and Set and Voting Theory. Taking 8th grade Math or 8th grade Math Honors will not predetermine if a student is allowed in 9th grade Math Honors.

PHYSICAL EDUCATION - REQUIRED**PHYSICAL EDUCATION – CORE - 8th Grade – MALE or FEMALE (1 trimester)**

This is a required class for all 8th grade students. Physical Education is the development of skills in activities, desirable social habits and attitudes, and love of wholesome play and recreation. Class activities will include: badminton, basketball, fitness tests, flag football, pickleball, soccer, softball, team handball, ultimate Frisbee, and weight lifting.

SCIENCE - REQUIRED**INTEGRATED SCIENCE (3 trimesters)**

Science is a way of knowing, a process for gaining knowledge and understanding of the natural world. The Science Core Curriculum places emphasis on understanding and using skills. Students should be active learners. It is not enough for students to read about science; they must do science. They should observe, inquire, question, formulate and test hypotheses, analyze data, report, and evaluate findings. The students, as scientists, should have hands-on, active experiences throughout the instructions of the science curriculum.

US HISTORY I (2 trimesters)

United States History events and issues from the Age of Exploration through Reconstruction and the western movement, emphasizing the 18th and 19th centuries. Topics covered will include, but are not limited to: exploration, colonization, Revolutionary War, constitutional issues, nation building, Civil War, Reconstruction, and western movement.

FINE ARTS

ART FOUNDATIONS I (1 trimester)

This is primarily a basic drawing and design course with basic color and painting concepts included. An emphasis is given to skill development in drawing.

ART FOUNDATIONS – 2-D (1 trimester)

This course is designed to provide an enhanced experience with the artistic issues of Foundations I through traditional, two-dimensional art media. There is a continuing emphasis on studio production as the application of the elements and principles of art are used to assist the student in expressing him/herself through the creations of works of art.

ART FOUNDATIONS – 3-D (1 trimester)

This entry-level course is designed to widen one's art experiences and skills exploring: The human form in action, hands & faces; pen & ink; ink wash drawing, scratch board, and charcoal portraits with an emphasis on studio production while developing higher-level thinking skills. This fun course is for "serious minded art loving students", who want to study a variety of art tools and materials.

8th GRADE FEMALE or MALE CHORUS (1 or 2 trimesters)

8th Grade Chorus is a choir where you will learn basic vocal techniques, how to read music, and understand performance skills. Students take 2 trimesters of chorus to build their singing skills in preparation for future choral classes. This class is a continuation of skills acquired in 7th grade, however, previous choir experience is not required.

BAND, PERCUSSION, BRASS/WOODWIND (2 or 3 trimesters)

(Sign up for appropriate group based on your instrument.) The band classes will be offered to students who have had previous band experience or experience reading music. **Beginners must obtain band director's signature to register.** The objective is to have each individual performer develop themselves musically with opportunities for concerts and performances. Student owned instruments are preferred but school has limited rentals available at a cost of \$35 per trimester.

ORCHESTRA (2 or 3 trimesters)

Section A – String Ensemble (small group instruction) and Sections B & C – Full Orchestra
Learn the art of playing Quartet and Chamber music in String Ensembles (small groups). This is a course designed for the intermediate and advanced student learning the stringed instrument. Many opportunities are available to perform as a string orchestra, at ensemble festivals, joint concerts, and solo and ensemble. Must own or rent commercial instrument. Instruments are not available at the school.

INTERMEDIATE THEATRE I (Theatre Found I) (1 trimester)

Students in this class will be introduced to the fundamentals of Theater and will be introduced to the following concepts: voice production; vocal projection, diction, and interpretation. The students will be taught to use their body in performance by doing pantomime in individual and group exercises and also be introduced to improvisation where they will learn to think creatively and imaginatively. The improvisation will prepare them for scene work and performing a short play. **THIS IS A PERFORMANCE BASED CLASS.**

FAMILY & CONSUMER SCIENCE

FACS CAREER PREP (Life Skills) 1 trimester) Pre-requisite: Intro to CTE

This course provides students the opportunity to learn essential life skills in the following areas: food and nutrition, childcare and safety, interior design, clothing construction, entrepreneurship, family relationships, and career-related tasks.

EXPLORING TECHNOLOGY (1 trimester)

Students will participate in engaging hands-on activities such as bridge building, rockets, mouse-trap cars, etc. and be introduced to a variety of technologies and their impact on society. Students will use problem solving techniques in all activities and increase their technology literacy. They will explore careers in many technology fields such as transportation, manufacturing, construction, communication and others. This is a challenging and exciting class.

GATEWAY TO ENGINEERING (PLTW) (1 trimester)

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture capturing research and ideas in their engineering notebooks. Students will use Autodesk design software Inventor to create a virtual image of their designs and produce a portfolio to showcase their innovative solutions. Some activities include: Use of 3D modeling software (Autodesk's Inventor), instant challenges for students to solve real problems, sketching designs in engineering notebook, and learning about engineering careers.

INTRODUCTION TO COMPUTER SCIENCE (PLTW) (1 trimester) (8th or 9th grade course)

This course is designed to be the first computer science course for students who have never programmed before. Students will explore the impact of computing in society and build skills in digital citizenship and cyber security. Students can expect to learn and use the following: fundamentals of programming, build computational thinking skills, modeling stimulation, and data analysis. Students will create apps for mobile devices and apply their knowledge to create algorithms for games of chance and strategy. Students will use MIT App Inventor and Python. This course is designed for the computer oriented student.

BUSINESS**EXPLORING BUSINESS & MARKETING (1 trimester) (8th or 9th grade course)**

This course is designed to explore the nature of business in an international economy and to study related careers in fields such as sports marketing, travel and tourism, entrepreneurship, Accounting, financial services, public relations and promotion of products. Some activities in this course include: steps to create a business, stock market games, marketing projects, investing/accounting activities, and learning how to be a business leader.

WORD PROCESSING BASICS (1 trimester)

This is a pre-requisite to all high school computer classes. In this introductory course, students learn basic word processing skills. These invaluable skills include editing and proofreading documents, performing standard file management procedures, keyboarding, and creating business documents to simulate a real-life job environment.

MISC. ELECTIVES**GERMAN I (2 trimesters)****SPANISH I, II (2 trimesters)**

2 years of the same language is recommended by most colleges. Students are offered foreign language opportunities from 7th grade through 12th grade. To meet a foreign language requirement for some colleges, one of the years of the second or subsequent years must show on the high school transcript (9-12th grade). At the present time, the University of Utah is the only college or university that requires an entering freshman to meet the foreign language requirement in the state. Other universities recommend them. Two choices are available at Box Elder Middle, they are Spanish I, II, & III or German I and II. Students must have successfully completed one level before advancing to the next level.

ALTERNATIVE LANGUAGE**LANGUAGE ARTS 8 ELL (3 trimesters) - ELL teacher's signature required**

This is a beginning English class that focuses on basic communication skills that are needed in a school setting. It will include following and giving simple oral and written directions, as well as communicating needs, feelings and personal information.

ELL – HOMEWORK (1, 2, or 3 trimesters) - ELL teacher's signature required

This is a Homework study skills class to assist ELL students with their individual needs.