Bountiful junior high

**Graduation Requirements27 Credits Required 9th – 12th Grade**

* 4 English
* 3 Social Studies
* 3 Science
* 3 Math
* 1.5 PE
* .5 Health
* 1.5 Arts
* 1 .5 Technology
* .5 Financial Literacy
* 8.5 Electives

Course catalog

# 9th Grade – Core Courses

**MATH**

**5380 SECONDARY MATHEMATICS I (9th Grade Core): Full Year.**

* Develop problem solving skills to decipher the story that numbers can tell
* Build understanding of Exponential and Linear functions through real life examples
* Experience basic Geometry constructions and rules
* Diagnose statistical data and graphs to deliver conclusions about the story

*OR*

**5775 SECONDARY MATHEMATICS I HONORS: Full Year.**

* Studentswill 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

**5500** **MATH TECH Full year** All 9th grade students will be enrolled in:

* Math Tech is to ‘double block’ Math. All 9th grade students will get Math everyday to help increase Math knowledge and allow adequate time for instruction of the Math Subject.

**ENGLISH**

**4090** **ENGLISH 9:** **Full Year**.

* This course is designed to place emphasis on writing, speaking, reading and listening
* Included in literature are the novel, short stories, poetry, essays, the epic, and drama
* Writing activities are constructed to increase fluency and generate ideas. Skills taught include sentence structure, vocabulary, spelling, library research, and computer research

**4093** **ENGLISH 9 HONORS:** **Full Year**.

* Honors English is an accelerated course designed to provide extensive writing and reading experiences for highly motivated ninth grade students
* In compliance with DESK, emphasis will be placed on the writing process, various modes of writing, and significant literary genre

**4134** **EXPLORATION IN LITERATURE** **Semester**

* Read and respond to a variety of texts that will help students develop the skills to become fluent writers in both informative and argumentative writing
* Students will explore fiction through monthly book reports and in-class readings

**4146 CREATIVE WRITING: Semester (Elective)**

* This course will improve a student’s creative writing skills and develop an appreciation and love for writing
* Students will discover, develop, and demonstrate skills related to creative writing.
* This includes writing in the areas of fiction, non-fiction, short stories, narratives, journals, children’s stories, poetry, and others

**4166 JORUNALISM: Semester**

* Make and Design School Newspaper
* School Announcements
* How to use communication in the print and broadcast media today with an emphasis on writing, but including interviewing, reporting, reacting and synthesizing
* Become and intelligent consumer of the mass media
* Discover and explore the various forms of writing utilized in journalism

**SCIENCE**

**3400** **EARTH SCIENCE: Full year.** **Lab fee**

* This class gives the insight and the understanding of the Earth and the processes at work on this planet.
* The curriculum includes doing labs, designing experiments (Inquiry Labs), having guest speakers, and attending two field trips (Clark Planetarium and Antelope Island) all to help better understand the formation and the processes that shape Earth
* Students will gain an appreciation and understanding of our place in space, the interconnected systems at work here, and the personal responsibility/impact humans have on Earth’s systems
* At the successful completion of this class, students will have earned one physical science credit towards the three science credits required for high school graduation. They will also have a knowledge base for a substantial percentage of ACT questions that are Earth Science related

**3820** **AP ENVIROMENTAL SCIENCE: Full Year** Lab Fee

* This is an Advanced Placement class. If you past a test at the end of this course, you can receive college credit for this class
* The focus of this course will be an in-depth analysis of the current global and regional science issues as they relate to the Earth
* Plan an additional 30 minutes of homework each night to study…not just to complete work!
* This course will have, in addition to course work from AP Environmental Science, long-term lab experiences, special projects and field trips

**2406** **AP RESEARCH AND WRITING: Full Year**

* AP classes require students to be able to locate, process, organize and communicate information
* Free Response Questions (FRQ’s) are a large part of both the AP Human Geography and AP Environmental Science test
* This class is designed to help students become better writers of science and geography material.  It is strongly recommended that any student taking an AP course take this semester class to reinforce writing skills for success on AP tests in May—and beyond!

**3450 MESA – SCIENCE EXPLORATION: Semester (Elective)** Lab Fee

* STEM course that emphasizes a hands-on learning approach to studying basic engineering practices
* In this course we will do varied engineering activities that will include but are not limited to basic circuitry, programing, and robotics

**3644 PHYSICS WITH TECHNOLOGY – Full Year (Elective)** Lab Fee

* A STEM course that emphasizes a hands-on learning approach to studying the principles of force, work, rate, resistance, and energy as they relate to four energy systems (mechanical, fluid, electrical, and thermal).
* A significant portion of time in this course is spent in lab activities that are structured to provide essential skills for students interested in technical and engineering professions.
* The course fills either a core science or a CTE elective credit requirement. This is a Regents’ Scholarship accepted course

**3450 BIOLOGY – SCIENCE EXPLORATION: Semester (Elective)** Lab Fee

* Science elective for students who wish to learn more about the study of life and living organisms: their structure, function, growth, identification, habitat, and diversity.
* Look forward to finding ore about biology though dissection, hands on learning and labs throughout the semester!

**3970 FORENSICS: Semester (Elective)** Lab Fee

* See science through the eyes of a crime scene investigator. Investigators are well-trained observers, evidence gatherers and problem solvers.
* Learn strategies through the interesting science of forensics.

**SOCIAL STUDIES**

**6200**  **GEORGRAPHY FOR LIFE: Full year or Semester –**

* Discover all the amazing places this world has to offer
* Acquire knowledge of the different cultures and people on every continent.
* Study the lands, the features, the inhabitants, and the phenomena of the Earth
* Full Year recommended for college bound students

**6204** **AP HUMAN GEOGRAPHY: Full year**

* Look at the world from a different perspective.
* Earn college credit to accelerate your future.
* Plan an additional 30 minutes of homework each night to study…not just to complete work!
* Discover a new way at looking at why people do what they do

**3000 20th CENTURY WARS: Semester (elective)**

* Come join Anastasia’s family during the Russian Revolution, the bombing of London during the World War 2, and become a spy for the United Sates during the cold war!
* This class will introduce you to the biggest conflicts that helped to shape our world in the 1900’s.

**PHYSICAL FITNESS**

**7700 PE SKILLS AND TECHNIQUES: Semester**

* Students will participate in a variety of individual sports and games.
* Activities will include team sports such as ultimate Frisbee and flag football. Individual sports such as bowling, badminton and ping pong will be taught.
* All students will also be involved in a program utilizing the fitness center which includes weightlifting and some aerobic activity.

**7785 BODY CONDITIONING: Semester (**Elective**)**

* A class to introduce students to proper techniques of body conditioning and training procedures in starting a personalized program with the benefits of being physically fit; including proper eating/nutrition guidelines, and recovery and prevention of injuries
* Cardio workouts and understanding and maintaining your target heart rate

**7790 YOGA/ZUMBA/AEROBICS: Semester (**Elective**)**

* This class will teach the importance of flexibility, stress relief, health, and physical fitness
* This class with 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

# 9th Grade – ELECTIVE CHOICES

**MUSIC**

**1760 ADVANCED ORCHESTRA : Full year**  *Pre-requisites: Beginning Orchestra and audition.*

* Now the fun truly begins! The class is designed to provide aesthetic musical experiences through excellence in performance – both in rehearsal and concert settings

**1645 BEGINNING BAND** : **Full year** Open to all students**. No musical training or experience is required**. Experience the excitement of learning how to play a new musical instrument!

* Students will learn basic techniques and will need to practice at home
* You will get to perform in three concerts throughout the school year
* If you need guidance on selecting an instrument, please see Mrs. Allred, our band teacher

1. **BEGINNING ORCHESTRA** : **Full year** Students should have had previous experience with their instrument prior to enrolling Students with no prior experience may enroll, but will need private lessons or extra practice outside of class.

* This class will give you a wonderful group experience while you improve your individual performing skills. It is a class where you can create music and develop friendships
* You will be preparing to be able to enter higher level orchestra groups with more opportunities. This class will also help to prepare you for future scholarship and career opportunities in music

**1740 CONCERT BAND:** **Full year**

* Now the fun truly begins!  You have the basics down of your instrument … now you get to launch into the excitement of Concert Band
* While mastering note reading, rhythm reading, and tone production, this class is designed to provide aesthetic musical experiences through excellence in performance-both in rehearsals, and concert settings
* Now you get to participate in full band concerts, elementary band tour and travelling to festivals as well as improve personal skill development with solo and ensemble experiences
* Don’t forget, practicing at home is an important part of your Band experience and the key to developing an incredible talent

**1720 CONCERT CHOIR: Full Year.**

* Perform an array of music representing a variety of styles and cultures in a safe and encouraging environment, while utilizing and employing skills gained in Beginning Choir
* Experience the joy of singing and performing in a large mixed ensemble (Soprano, Alto, Tenor, Bass) while developing skills to improve age appropriate vocal tone, technical performance skills, sight reading skills, productive rehearsal habits, proper concert etiquette, and composition
* Develop lifelong skills such as self-confidence, teamwork, hard work, professionalism, trust, listening, and responsibility
* Through the skills you acquire in this class you will be prepared to advance to high school and community choirs, and make a positive contribution to any group setting you experience

**1670 GUITAR LEVEL I:**  **Semester**

* Experience the fundamental skills of guitar playing in a safe, encouraging group setting
* Become music literate by developing a thorough understanding of standard notation, chord diagrams, and tablature
* Improvise and compose music, demonstrate productive rehearsal habits, perform quality music through the use of technical performance skills, experience how music connects to everyday life, and analyze and evaluate musical examples
* Beginning Guitar will prepare you for a life of music appreciation, the ability to play as a soloist or as a member of an ensemble, and provide you with the skills to continue developing as a musician

**1747** **PERCUSSION BAND II** (Percussion Ensemble): **Full year**—If you have 2 or more years of piano- experience, you may audition with Mrs. Allred for this class.

* Students will be combined with 8th and 9th graders to form a Percussion Ensemble.
* This class will continue to teach students the techniques to play concert percussion instruments. Learning mallet percussion and snare drum will be the core focus but will also include battery and auxiliary percussion instruments
* Students will perform with the Percussion Ensemble at the annual Day of Percussion Festival as well as at concerts and playing concert percussion with the Concert Band
* This is an intense, yet exciting class. Students are expected to be self-motivated, driven, and dedicated
* Students are required to have their own mallets and a percussion kit for home and in class rehearsal
* Percussion instrument usage fee is required. Auditions will be in April
* You may set up an audition with Mrs. Allred. [loallred@dsdmail.net](mailto:loallred@dsdmail.net)

**1775 SHOW CHOIR/MUSICAL THEATER: Semester**

* Develop on stage skills through the use of singing, dancing, and acting.
* Create opportunities for further growth and development by experiencing audition techniques, set design and construction, costuming, choreography, script writing, vocal technique, characterization, and ensemble/rehearsal techniques
* Construct meaning by developing critical thinking skills, utilizing life skills, and learning to self-assess performances
* Be prepared to give a higher quality audition, understand your role within an ensemble, and develop a skill set that allows you to improve as a musician/actor

**ART**

**1103 ART LEVEL Ia 2D: Semester**

* Love the concepts from Art 1? Take this class to continue your artistic expression!
* Develop and improve drawing skills while applying the elements and principals of art
* An intermediate art class to explore additional uses of medium and artistic issues found in two dimensional works of art
* This will be the time to push your creative limits!
  + Art I pre-requisite **class fee**

**1103 ART LEVEL Ic 3-D: Semester**

* Did you enjoy the three-dimensional part of Art 1? This is the class for you!
* 30D art introduces the skills for making fine crafts with an emphasis on studio production, higher-level thinking, problem solving and an appreciation for aesthetics
* Mediums used in this class will be paper, assemblages, fabric, clan and other 3-Dimensional materials.
* Take the class to truly express yourself in the artistic world!
  + Art I pre-requisite **class fee**

**1110 CERAMICS: Semester** *Pre-requisite: Art Foundation Level I or 2-d Art Advanced Level II*

* Basic Procedures and processes unique to ceramics will be introduced, and skills in forming clay will be one of the outcomes of the course.
* Hand-built as well as wheel-thrown techniques will be taught.
* Developing the ability to make judgments about aesthetic quality of ceramic forms will also be introduced. **Class fee**

**FOREIGN LANGUAGE**

**4620 SPANISH I: Full year**

* This course is intended to enrich and broaden one's understanding of the Spanish language and culture, as well as improve cultural understanding.
* **At least a B in English is required (or teacher's approval).**
* It is suggested that students be self-motivated, have good reading skills in English, and be able to memorize. **Class fee**

**4630 SPANISH II:** **Full year**  *Pre-requisite: SPANISH I A continuation of SPANISH I.* **Student should have a B- or better in SPANISH I (or teacher approval).**

*NOTE: Spanish can be taken from 7th – 12th grade to fulfill college acceptance requirements. Currently UofU and BYU in Utah like to see at least 2 years of a foreign language on your transcript. Those looking for Regents Scholarship, Language Requirement language requirements start in 9th grade.*

**CTE**

**8421 FOOD I : Semester Lab Fee**

* Eating and so much more! 2-3 labs per week will fill your mind as well as your body as you apply basic cooking techniques, nutrition and meal planning skills that you will showcase in our Iron Chef class competition
* Whether you are preparing for a culinary arts or nutritional science career or developing your personal consumer and healthy lifestyle skills - **THIS CLASS IS FOR YOU!**

**8618 MANUFACTURING TECHNOLOGY: Semester** . **Lab Fee**

* A **HANDS-ON, PROJECT BASED** course that introduces students to changing raw materials, such as wood, metal and plastics into finished products.
* This course will explore the many careers associated with the manufacturing process.
* Students will learn about, understand, and safely use tools found in industry as they build individual, personal projects.
* Projects could include treasure boxes, jewelry boxes, wall mounted clocks, desk clocks, lathe turned wooden pens, boomerangs and many other teacher approved projects

**8618 PINTEREST: Semester** . **Lab Fee**

* A **HANDS-ON, PROJECT BASED** course that introduces students to changing raw materials, such as wood, metal and plastics into finished products.
* This course will explore the many careers associated with the manufacturing process.
* Students will learn about, understand, and safely use tools found in industry as they build individual, personal projects.
* Search Pinterest and come up with your own projects to build. The sky is the limit!! Use your own artistic freedom while learning to use the tools in the manufacturing shop

**8475 SPORTS SEWING AND CLOTHING:** **Semester Lab fee**

* Design and create projects for sports and outdoor activities or fashion clothing and accessories.
* Apply basic design and sewing construction skills in projects you can use and enjoy today while developing skills you can use tomorrow in the exciting and growing global outdoor/sports industry or apparel industry.
* What a fun way to strengthen Stem (Science, Technology, Engineering and Math) concepts. You will be responsible for purchasing some of your own fabric depending on your projects

**8602 ROBOTICS & DESIGN: Semester**  (elective)

* Computer programming and interface of Programmable Logic Controllers {PLCs} used to perform tasks via automation and robotics
* 3D computer design

**8518 COMPUTER SCIENCES: Semester**  (elective)

* Learn Microsoft Excel, Word and Access in part II.
* Beginning coding and design.
* Can be used a the .5 required class for high school graduation!

**OTHER ELECTIVES**

**2350 MULTI MEDIA: Semester**

* Manipulate images and video from your computer!
* Introduction to the work of photography, film and broadcasting
* Students will work in groups to produce Public Service Announcements, short digital stories, stop motion videos, instructional videos and documentary productions

**6210 CHARACTER EDUCATION: Semester**

* Discuss topics ranging from attitude, preparation, respect, perseverance, integrity and gratitude
* Help students learn to be their best selves and how to do their best work
* Acts of service

**6215 CURRENT ISSUES: Semester**

* In this class we will discuss issues that really matter and investigate possible solutions
* We will look into the economic, political, and social forces that are shaping our country and the world
* If you like current events, this is the class for you. Be ready to research and discuss key issues
* This class will challenge you to look at different perspectives in understanding complex problems. Get informed and learn to get involved as an American citizen

**2680 NAL – NATIONAL ACADEMIC LEAGUE**

* FALL elective class for 7th, 8th, and 9th graders who wish to compete on the National Academic League team in January – February 2018
* You must maintain a 3.0 GPA and have no N’s or U’s. This is an academic team sport that helps you develop confidence and team spirit!
* We compete against 7 other junior highs in the Davis School District. There are four quarters to a game that uses buzzers, lights, shot clocks, score cards, debate topics, and a timer
* If you like playing “Jeopardy” or “Trivial Pursuit”, you will enjoy NAL

**2400 STUDY HALL: Semester**

* Time in School to get homework and school work done
* Build a stronger foundation in reading comprehension and writing skills

**4190 YEARBOOK STAFF:** **Semester**

* The yearbook staff is a select group of students who will design and produce the school’s yearbook.
* By Application ONLY

**2212 OFFICE AIDE: Semester**

* By application only
* Apply to help our attendance office and main office to help check students in and out of school
* Answer incoming calls to our school.  Run errands for all office support to get students out of class
* Must be respectful.  Understand confidentiality and adhere to office policies

**2214 TEACHER’S AIDE: Semester**

* By teacher approval only.
* Fill out form and speak directly with the teacher you would like to help
* Each teacher will use student help in a different way

**2252 PEER TUTOR: Semester**

* By application only
* This program is students helping other students
* On your application please indicate what area you would like to be a peer tutor in.  If you are strong in Math or Science you may help in one of our lab classes.  If you would like to work one on one with one of our special needs students, please indicate you’re your interest in this area

**RELEASED TIME** (No Credit)

**810 SEMINARY: Full Year.**

* Open to all 9th grade students
* Religion Class
* Parent Permission. Signed form must be turned into the Seminary