

BOUNTIFUL JUNIOR HIGH

COURSE CATALOG

8TH GRADE – CORE COURSES 2020-2021

MATH

- 5100** **MATH 8: Full year** This year we will focus on the world of math and experience and how math will help you in the future! We will focus on three critical areas:
- Formulating and reasoning about expressions and equations, including modeling and 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
 - Analyzing 2- and 3-dimensional space and figures using distance, angle, similarity, congruence, and understanding and applying the Pythagorean theorem

or

- 5105** **HONOR MATH 8: Full year** Everything we cover in Math 8 and beyond! Expect Honors to move at a much quicker pace. Must have 3 or 4 on Sage and include teacher recommendation.
- Concepts will be explored in greater depth with increased use of contextual situations
 - Look for the Math Honors recommendation on your registration sheet to qualify for Math Honors. Please talk to your teacher if you have any questions
 - Must take placement test to show competency

- 5101** **MATH LAB:** Math Lab will support students in math.
- The class is designed to boost math comprehension
 - Receive extra training and support to complete math assignments
 - Students will strengthen their Math skills and learn a deeper understanding of basic concepts
 - Not to be used as a study hall. This class is to reteach math concepts for understanding.

ENGLISH

- 4030** **ENGLISH 8: Full year** Make our language work for you. Improving your English skills will help you do better in every other subject. This year we will focus on:
- Writing development, as well as expand comprehension of literary, functional, and informational texts

7th / 8th Grade State Requirements

- 2 years Math
- 2 years English
- 1 year Intro to CTE
- 1.5 years Social Studies
- 2 years Science
- 1 year P.E.
- .5 years Health
- 1 year Fine Arts
- .5 years of Digital Literacy

- We will work daily to develop reading strategies and work with cross-curriculum studies to allow students to see the powerful relationship between historical events and expressions found in literature

or

4035 HONORS ENGLISH 8: Full year By Application only and Teacher Recommendation.

- The same standards and objectives as traditional English, with a higher expected standard of preparedness and execution and a greater emphasis on research
- Students can expect rapid movement through course materials resulting in expanded literature and writing opportunities
- Look at your grades from English 7 and talk to your teacher from English 7 to see if English Honors would be a good fit for you

4050 English Lab (EXPLORATION IN LITERATURE): Semester Required

In this one-semester required course, students will acquire additional skills that supplement their English course. Unlike English class, the lab class focuses primarily on reading literature and little focus on writing and grammar. As students read a variety of literature, they will practice the standards of identifying key ideas and details, analyzing craft and structure, and integrating knowledge and ideas as they make connections among a variety of fictional and informational texts.

4335 CREATIVE WRITING: Semester (elective)

- 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
- Improve a student's creative writing skills and develop an appreciation and love for writing

SCIENCE

6100 INGTEGRATED SCIENCE 8: Full year The only thing consistent in life is change. This year we will learn about change! **Class fee**

- Students will study physics and chemistry concepts to better understand the relationship between energy and changes in matter
- They will also study the process that shapes and reshapes the Earth and the impact that has on living things
- Scientific inquiry and hands-on investigations help students gain knowledge and a better understanding of the world around them.

6101 HONORS SCIENCE 8: Honors Science 8 will focus on the same themes and objectives as traditional Eighth Grade Science. Must have a 3 or 4 on Sage, be at grade reading level or above and have teacher recommendation. **Class fee**

- Students in this course will be further challenged to discover and achieve through increased creativity, rigor, inquiry, and reflection.
 - Honors students will also be required to complete additional projects.

- Please check with your 7th grade teacher to see if Honors would be a good fit for you!

6700 SCIENCE EXPLORATION: Semester (Elective). Lab Fee

Students will be exploring different science topics in this class. There will be a hands-on / project- base format for each of the topics. Topics may include:

- Ecology
- Plant and Animal characteristics and structures
- Microbiology
- Aeronautics: rocket building, trajectory
- Biology, Geology and Astronomy, to name a few.

Students will be encouraged to participate in both district and state science Olympiad competitions. Students will be introduced to a topic and will choose an area in which they are most interested. Once a student chooses an area of interest, they will be given a project to complete or build. Projects will then be tested. Students will track their progress with project cards.

SOCIAL STUDIES

4510 U.S. HISTORY: Full year

- The United States history course for eighth grade is designed to emphasize historic events from the age of exploration to reconstruction and the western movement. Topics covered will include, but are not limited to:
 - the age of exploration, colonization, Revolutionary War, national period, constitutional issues, Civil war, reconstruction, and the western movement.
- The emphasis of this course is on the 18th and 19th centuries. There will be continued effort to review and develop content, and process thinking skills introduced in previous grades.

4514 HONORS U.S. HISTORY: Full year This is a great class to take if you are considering AP classes for next year!

- Students will learn and practice writing skills and continue building the foundation for A.P. classes in the future.
- Students should expect more rigor and depth than what is expected in a traditional course.
- We will cover the same topics covered in US History.

4531 CURRENT ISSUES: Semester elective

- 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.

PHYSICAL FITNESS

1021 INTERMEDIATE FITNESS SKILLS (P.E.) Semester – required class

- Activities will include team sports such as softball, speed ball, basketball and volleyball
- Students will also be introduced to fitness center program which involves circuit training on a variety of weightlifting machines and some aerobic exercise
- Getting in shape can be fun! We will show you how

1000 HEALTH Semester – required class

- Learn how to prevent illness and the spread of diseases
- Improve our looks, performance and interactions with other people and how we feel about ourselves and the world around us

1021 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

8TH GRADE – ELECTIVE CHOICES

MUSIC

2406 ADVANCED ORCHESTRA: Full year *Pre-requisites: Beginning Orchestra and audition.*

- Now the fun truly begins! This class is a continuation of beginning orchestra. The class is designed to provide aesthetic musical experiences through excellence in performance – both in rehearsal and concert settings
- Continue to increase in ability with more advanced technique and skill.

2204 BEGINNING BRASS 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

2205 **BEGINNING WOODWINDS 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!

2206 **BEGINNING PERCUSSION 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!

2405 **BEGINNING ORCHESTRA**: Full year

- Students should have had previous experience with their instrument prior to enrolling (6th grade orchestra or private lessons). Students with no prior experience may enroll, but will need private lessons or extra practice outside of class
- You will be developing the skills that will help you to play your instrument at music levels 1-2. You will be performing in several concerts that will include many types of great music
- You will improve in performing ability and musicianship
- 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
- Beginning Orchestra includes violin, viola, cello and bars

2309 **CHOIR LEVEL I - BOYS**: Full Year

- 8th grade boys choir is a year long class open to all 8th grade boys who are excited to work through their voice change!
- Where else can you be among fellow guys who are going through the same vocal issues you are facing? A safe environment is created to allow you the freedom to develop this changing voice of yours.
- This will be a continuation of the healthy vocal habits, music theory, and musical excellence learned in 7th grade choir. Being part of 7th grade choir is highly encouraged, but it is not required in order to take this class.
- The boys choir will perform with all of the choirs for one concert each quarter.

2308 **CHOIR LEVEL I - GIRLS**: Full Year

- 8th grade girls choir is a year long choir open to all 8th grade girls.
- This will be a continuation of the healthy vocal habits, music theory, and musical excellence learned in 7th grade choir.
- Being part of 7th grade choir is highly encouraged, but is not required in order to take this class. A safe environment will be created to allow our girls to develop beauty in all parts of their vocal range.
- Girls will sing in 2 and 3 part harmony, and perform with all the choirs for one concert each quarter.

2220 **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

2401 GUITAR LEVEL I: Semester Class fee

- 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.
- Students must have their own guitar and provide the required guitar methods book

2213 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

2508 SHOW CHOIR/ 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

FOREIGN LANGUAGE

3110 SPANISH I: Full year Class fee

- 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

3120 **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)**
- It is suggested that students be self-motivated, have good reading skills in English, and be able to memorize
- Participate in the world famous...er...Bountiful famous...Spanish Fair! Eat great treats and learn how to use your Spanish in a fun setting

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.

ARTS

2101 **ART FOUNDATIONS I: Semester class fee**

Start here for all you need to learn in Visual Arts!

- Develop and improve basic drawing skills and using a variety of art media
- Apply the elements and principals of design with fun art projects
- Look into art criticism, aesthetics, and higher level of creative problem solving
- Emphasis on studio production
- Students will express through visual, sensory and creative process of of making art
 - This is the pre-requisite for all other art classes at BJH

2102 **Art Foundations 2-D: Semester class fee** Art I pre-requisite

- 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!

2104 **Art Foundations 3-D (.5) Semester Art 1 and 2 pre-requisite class fee**

CTE

7537 **DIGITAL LITERACY: Semester (Required)**

- This is a required class for ALL 8th grade students
- This course will introduce students to the components of digital literacy needed for a 21st century learner. Introduce and familiarize students with essential computer concepts and terminology including operating systems, software, hardware, application and peripherals
- Introduce and familiarize students to online skills for research using Web browsing and Internet research
- Teach the basic productive programs to increase competencies in word processing, spreadsheets, and presentation. (Word, Power Point, Excel, Access and Outlook). Daily keyboard assignments are provided for students to master touch typing
- Emphasis is placed on development of accuracy, speed and proper techniques

7825 EXPLORING TECHNOLOGY: Semester Class Fee

- A **HANDS ON**, project-based course that introduces students to technological systems in the areas of: Energy-power, communication, transportation, manufacturing and construction
- The curriculum is designed around exploration of these systems and their impacts on society. *Project Lead the Way* and *ITEEA's Engineering by Design* are the course standards
- Emphasis is placed on a broad exploration, working in teams and on individual activities to understand concepts, with project and skill development
- Learning activities include: Computer generated 3D Modeling leading to 3D Printing, compressed air dragsters to understand laws of motion, magnetism and propulsion, Understanding principles and forces of bridge design, construction and demolition. Basic Drafting and Design Principles are an key part of the class

7403 FACS EXPLORATION ADVANCED: Semester

- This is a hands-on experience in all areas of Family and Consumer Science
- Develop your cooking skills and nutrition knowledge, sew projects you can wear, design your dream bedroom, practice early childhood education skills in our child development lab
- Become an entrepreneur in our class business start up
- There is something for everyone in this class and a great opportunity to explore future career options **Class fee**

7743 CREATIVE CODING: Semester

- This is the next step AFTER elementary keyboarding
- Learn the very basics of coding
- Talk about Jobs that relate to coding

7811 ROBOTICS: Semester (elective)

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

7575 WORD PROCESSING: Semester (elective)

7552 KEYBOARDING APPLICATIONS: Semester (elective)

OTHER ELECTIVES

408 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!

4532 **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

400 **STUDY HALL: Semester**

- Develop stronger organizational skills to manage junior high more effectively
- Build a stronger foundation in reading comprehension and writing skills
- Utilize technology including basic word processing skills, grade monitoring, email, and cloud storage

210 **OFFICE ASSISTANT:** Semester

211 **TEACHER ASSISTANT:** Semester

213 **PEER TUTOR:** Semester

215 **LIBRARY MEDIA SKILLS:** Semester