Bountiful junior high

**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

Course catalog

# 7TH Grade – CORE Courses 2019-2020

**MATH - Required**

**5110** **MATH 7: Full year (everyday)** This year we will focus on the world of math and experience how math will help you in the future!

* Apply & extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
* Analyze proportional relationships and use them to solve real-world problems.
* Solve real-life & mathematical problems using numerical and algebraic expressions and equations.
* Draw and describe geometrical figures and solve real-life and mathematical problems involving angles, area, surface area, and volume.
* Use random sampling to draw inferences about populations and investigate probability with models.

*or*

**5111 HONOR MATH 7: Full year** Math Honors will take you above and beyond the concepts listed in Math 7 including:

* Have the opportunity to research and analyze ancient number systems.
* Begin to recognize patterns in nature and mathematics by exploring the Fibonacci Sequence and other number sequences.
* Analyze and construct mathematical codes.

**ENGLISH - Required**

**4070 ENGLISH 7:** **Full year**  Throughout this course students will:

* Read and respond to a variety of texts that will help them develop the skills to become fluent writers in both informative and argumentative writing.
* Become grammar masters as they tackle daily DLA’s and weekly spelling lists.
* Explore fiction through monthly book reports and in-class readings. Practice the art of writing, editing, revising, reading comprehending, presenting and discussing.

*or*

1. **HONORS ENGLISH 7:**  **Full year** By Teacher Recommendation & Application.

* This course includes all the standard English 7 course with a few notable differences:
* Honors students will expand their vocabulary through weekly assignments that focus on the top 1,000 SAT words.
* They will be assigned monthly fiction and nonfiction books to read on their own.
* They will be presented with more opportunities to discuss, write and debate.
* Focus on improving student skill at an accelerated pace and challenge students to analyze their work and others on a deeper level.

**4152** **EXPLORATION IN LITERATURE:** **Semester** **Required (teacher recommendation)**

* A class to help improve testing scores. Placement in this class will be based on teacher recommendation, prior Language Arts grades and standard test scores.
* Read and respond to a variety of texts that will help 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.

**ENGLISH - Elective**

**4146** **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.

**4134 ENRICHED READING: Semester** **(elective)**

* Students will discover, develop, and demonstrate skills related to reading and writing.
* Books will include novels from several different genres.
* Designed to improve reading and develop an appreciation and love for reading.

**4132 READ 180: Year**  **(Teacher Recommendation)**

* Readers that test below grade level will benefit from this class.
* Students will discover, develop, and demonstrate skills related to reading
* Learn in 4 different ways to increase reading comprehension
* Designed to improve reading and develop an appreciation and love for reading

**SCIENCE - Required**

**3300 INTEGRATED SCIENCE 7:** **Full year** **Class Fee $10**

* Seventh grade science is an exciting, lab-filled, hands-on, one-year course that covers theUtahstate requirements: physical science, earth science, and life sciences.
* Study of force and motion, magnetism, electric forces, gravitational forces, the earth’s interior and surface features, the rock cycle, density, geologic and natural hazards, fossils, structures and functions of cells, human body systems, heredity and reproduction, mutations, connections between ancient and present-day organisms, and comparative embryology.

Or

**3303** **HONORS SCIENCE 7: Full year Class Fee $10**

* This class is designed for highly motivated students who read at or above grade level, can work independently and collaboratively in a hands-on learning environment.
* Honors Science 7 will focus on the same themes and objectives as traditional 7th grade science, but students in this course will be further challenged to discover and achieve through increased creativity, rigor, inquiry, and reflection.
* Faster-paced class that provides opportunity for more content depth.

**SCIENCE - ELECTIVE**

**3446 BIOLOGY – SCIENCE EXPLORATION: Semester (elective) class fee $10**

* Biology is a hands-on, lab-based, elective class for those students who like to study living things and how they interact with their environment.
* Study of plants, insects, pond-water organisms, ecology, and classification.
* Use microscopes, laptops,  and dissect several specimens: flowers, owl pellets, frogs, sheep eyes, **and/or** perch.

**3447 PHYSICS – SCIENCE EXPLORATION: Semester (elective) class fee $10**

* Hands-on / project based format and explore topics such as structural construction, thermodynamics, aeronautics, rocket building, trajectory, simple machines, motion and astronomy.
* Come explore the world of physics in a fun exciting hands-on class

**SOCIAL STUDIES - Required**

**6100 UTAH STUDIES: Semester required**

* Explore the Geography, History, Government, and Economy of Utah
* Develop Critical thinking skills
* Learn things about the community around you!

**SOCIAL STUDIES - ELECTIVE**

**6215 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.

**6745 WE THE PEOPLE / CONSTITUTION:** **Semester elective**

* This class will focus on the US constitution.
* Students will take an in-depth look at the story behind the Constitution, the debates during the creation of the Constitution, and what it does for us as citizens of the United States.

**PHYSICAL FITNESS - REQUIRED**

**7600 BEGINNING FITNESS**  **(P.E.): Semester**

* Activities will include team sports such as softball, speed ball, basketball and volleyball
* Students will be introduced our to fitness center which involves circuit training on a variety of weightlifting machines and some aerobic exercise
* Students have the choice to take this for a full year.
* Getting in shape can be fun! We will show you how

# 7th Grade –ELECTIVE CHOICES

**MUSIC – (board approved fees may apply)**

**1645 BEGINNING BRASS BAND 1** : **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 several concerts throughout the school year
* If you need guidance on selecting an instrument, please see Mrs. Allred, our band teacher

**1646 BEGINNING WOODWINDS BAND 1** : **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

**1647 BEGINNING PERCUSSION BAND 1**: **Full year** Open to all students**. MUST HAVE 2 YEARS PIANO or TEACHER PERMISSION**. 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

**1660 ORCHESTRA LEVEL 1**: **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 bass

**1620 BEGINNING CHOIR LEVEL I: Full Year**

* Choir offers the opportunity to participate in a vocal music program dedicated to the pursuit of excellence in music.
* Students will learn the fundamentals of vocal development, healthy vocal use and care, and basic music theory (which leads to musical literacy).
* Through the process of becoming comfortable with their individual voice, students will develop the skills and confidence to join their voice with other students.
* Choir members find their place as part of a team that is continually striving for excellence. The entire choir will participate in a choir concert once each quarter with the upper level choirs.

**1600 MUSIC EXPLORATIONS: Semester**

* Strengthen musical skills, develop music literacy skills and foster life-long appreciation and enjoyment of music.
* Music is tied to so many things that we do, watch and listen to each day. Find a better understanding on how music is created.
* Increase understanding of musical concepts through group rhythm projects, song writing, playing instruments, singing and much more!

**ARTS (board approved fees will apply)**

**1100 ART LEVEL I: Semester class fee $10**

* Start here for all you need to learn in Visual Arts!
* Develop and improve basic drawing skills using a variety of art media
* Apply the elements and principals of design with fun art projects
* Learn about art criticism, aesthetics, and higher level of creative problem solving
* Emphasis on studio production
* Students will experience visual, sensory and creative process of of making art
  + This is the pre-requisite for all other art classes at BJH

**1102 ART LEVEL II 2-D: Semester class fee – Art 1 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!

**1105 ART LEVEL I 3-D: Semester class fee - Art 1 pre-requisite**

* Did you enjoy the three-dimensional part of Art 1? This is the class for you!
* 3D 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, clay and other 3-Dimensional materials.
* Take the class to truly express yourself in the artistic world!

**CTE**

**8050 COLLEGE & CAREER AWARENESS: Year (Required)**

* This is a required class for ALL 7th grade students
* Provides students with direction, decision making, awareness and planning for their own individualized career plans.
* Awareness is an important part of a students’ preparation in becoming college and career ready.
* Rotate through 3 different career areas and teachers throughout the year.

1. **FOOD, FABRIC & FUN: Semester Class Fee $10**

* This is a hands-on experience in all areas of Family and Consumer Science.
* Develop your cooking skills and nutrition knowledge, sew projects, design with color, and a participate in child care experience
* Employment skills and restaurant simulation.
* There is something for everyone in this class and a great opportunity to explore future career options.

**8674 BASIC CODING & KEYBOARDING: Semester**

* This is the next step AFTER elementary keyboarding
* Learn the very basics of coding
* Talk about Jobs that relate to coding
* Sign up for this class if your keyboarding speed is below 35 WPM

**8602 ROBOTICS / 3D DESIGN: Semester Class Fee $10**  (elective)

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

**OTHER ELECTIVES**

**2680 NAL – NATIONAL ACADEMIC LEAGUE: Semester Class Fee $10**

* FALL elective class for 7th, 8th, and 9th graders who wish to compete on the National Academic League team in January – February 2020
* For those who are academically competitive and like game shows like Jeopardy or Who Wants to Be a Millionaire
* Will prepare you for the BJH NAL competitive team, but it is not a requirement to participate on the team.
* Trivia will cover academic areas in English, spelling, science, math, geography, history, debate and current events.
* Questions combine strategy, teamwork, problem-solving and critical thinking skills.
* Team Fee $35 for members who compete

**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

**2252 PEER TUTOR: Semester** (teacher recommendation)

* This program is students helping other students
* If you would like to work one-on-one with our special needs students, help them stay on task, work on projects and set an example to help others, this is the place for you.
* Limited number of students will be chosen for this, an alternate choice may be used if you select this course.

**2400 STUDY SKILLS: 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
* This class will teach you how to organize and manage junior high more effectively.
* This would be a good class for transition into the junior high setting!
* This is **not** just a homework completion class, but you will occasionally have time for that.