

**North Davis Junior High School**  
**2018-2019**  
**7<sup>th</sup> Grade Course Descriptions**

**COLLEGE & CAREER AWARENESS**

**College & Career Awareness**  
**(8050) Year**

The College & Career Awareness course is designed to help students identify interests, traits, and skills and connect them to effective education and career planning; all of this done at an appropriate developmental level. The students will be active learners as they sample various career tasks, utilize technology, and meet high standards of achievement. Experiences in this course ultimately help student's value education and career planning and maximize individual opportunities.

**Exploring Technology 1 – 3D Modeling and Design**  
**(8601) Semester**

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. Design projects may include playgrounds, toys, furniture and other products they encounter every day. Using Autodesk Inventor software and 3D printer, students create a virtual image of their design.

**Creative Coding**  
**(8674) Semester**

This class is primarily an introductory programming course with units that are grounded in an array of standards. The strands for this class include computational thinking, collaboration, computing practice, computer programming, and communication devices.

**ENGLISH**

**English 7**  
**(4070) Year**

The main emphasis is on reading, both nonfiction and fiction, and writing essays. The class also includes language and speaking skills. Students read short stories, biographies, informational texts and novels in class and out of class.

**English 7 Honors**  
**(4073) Year**

Students in honors English will be required to show higher level thinking skills, demonstrate more critical writing skills, and read an average of two hours a week outside class. Writing skills include: using expressive detail in writing; narrating in the student's own voice; and organizing essays in narrative, expository, and argumentative genres. It is vital that students read at or above grade level in order to effectively manage the required reading.

**Creative Writing**  
**(4146) Semester**

Students will have the chance to flex their creative muscle as they write everything from short stories to poetry. Students will get to know the writing styles of various famous fiction authors, and then have the chance to work on developing their own personal writing style. Expect to write: poetry, character sketches, short stories, and more. There will be language skills instruction and opportunities to practice using those skills.

**Journalism 1-School Newspaper**  
**(4185) Semester**

This course provides opportunities for students to engage in an examination of Journalism and the news writing process. Students are responsible for the planning, design, and publication of the school newspaper. This production process will involve feature writing, page/graphic design, and photography. Good writing skills and a working knowledge of grammar are required.

**MATHEMATICS**

### **Math 7- Honors Accelerated (5112) Year**

Only those with extremely high scores are recommended for the Accelerated 7th grade math course. They must be recommended for this course from their CogAT test score and/or 5th and 6th grade end of level scores. This course is not a self-select course. This course will compact the mathematics concepts rather than skipping concepts. It will move at a faster pace than the Honors classes and students will be able to study four courses of math while in junior high. They will complete 7th Honors Math, 8th Honors Math, Secondary I Honors Math, and Secondary II Honors Math. Acceleration should be so that students can take more advanced math courses while in high school rather than complete the requirements early. There is a negative effect on mathematical knowledge when students miss a year of math classes before high school graduation.

### **Math 7 (5110) Year**

The instruction will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale-drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

### **Math 7 Honors (5111) Year**

The instruction will cover the four critical areas listed in the Grade 7 Mathematics Course, plus ancient number systems, use of different bases, codes, and patterns in nature, art, and mathematics that would interest an advanced middle school student. Concepts will be explored to a greater depth with increased use of contextual situations. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

## **MUSIC**

### **Music Exploration (1600) Semester**

Students will participate in engaging and exciting learning activities associated with music; including creating, listening, reading and performing music. They will learn music history, including popular music of today. They will also learn about various instruments. Students will have the opportunity to learn the basics of singing learn to part sing in groups and participate in a concert at the end of the semester.

## **PERFORMING ARTS**

### **Choir Level 1 (Girls) (1625) Year**

In this class, girls will learn the basics of unison, 2-part, and 3-part singing and music fundamentals. **Performing at concerts is required.** Students also learn to listen and understand musical styles, how to read music and understand music theory.

### **Choir Level 1 (Boys) (1626) Year**

In this class, boys will learn the basics of unison, 2-part, and 3-part singing and music fundamentals. **Performing at concerts is required.** Students also learn to listen and understand musical styles, how to read music and understand music theory.

### **Beginning Band (Level 1): Brass (1645) Year**

Students will learn to read and perform music on the following instruments: Flute, Oboe, Clarinet, French horn, Trumpet, Trombone, and Percussion. Students will also learn basic musicianship skills and theory concepts, such as major scales and basic note and rest values. Students will be put in the appropriate sections of beginning band after they decide which instrument they are playing when meeting with Mr. Crosby. Certain instruments such as French horns, and other instruments offered in Beginning Band can be rented from the school for a \$95 fee. Summer band is also offered towards the end of the summer to help students get started. **All students participate in the Christmas and Spring Concerts.**

### **Beginning Band (Level 1): Woodwinds (1646) Year**

Students will learn to read and perform music on the following instruments: Flute, Oboe, Clarinet, French horn, Trumpet, Trombone, and Percussion. Students will also learn basic musicianship skills and theory concepts, such as major scales and basic note and rest values. Students will be put in the appropriate sections of beginning band after they decide which instrument they are playing when meeting with Mr. Crosby. Certain instruments such as French horns, and other instruments offered in

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**Beginning Band (Level 1): Percussion  
(1647) Year**

Students will learn to perform music on percussion instruments. Emphasis is on note reading and rhythm reading. Practice snare pad and bells are emphasized. No set playing is taught. Students must have two or more years of successful piano lessons to be considered for the percussion section. Interested students should contact the Director of Band, Mr. Crosby, in the spring if interested in playing percussion.

**Orchestra Level 2 (Intermediate)  
(1760) Year**

Students should have had previous experience with their instrument prior to enrolling (6<sup>th</sup> grade orchestra or private lessons). Students with no prior experience may enroll, but will need private lessons or extra practice in class to catch up. This course is designed to give students the skills to perform music levels 1-2.

**PHYSICAL EDUCATION**

**Beginning Fitness 7  
(7600) Semester**

Students learn to develop lifetime attitudes regarding physical activity and healthy lifestyles. They will improve flexibility, strength, agility, balance, speed and endurance. They will develop skills in volleyball, basketball, soccer, flag football, softball, and other team sports.

**SCIENCE**

**Integrated Science 7  
(3300) Year**

Students will observe how things are built, including the Earth, matter, cells and themselves. Units include dissecting animals, building cell modules, keying plants, extracting DNA.

**Integrated Science 7 Honors  
(3303) Year**

Students in this class will cover subjects in greater depth and with more independence. Students will learn to use science as a process of obtaining knowledge and analyzing out-comes based on observable evidence, and will develop the ability to formulate hypotheses, design and carry out strategies to test them, and evaluate results.

**SOCIAL STUDIES**

**Utah Studies  
(6100) Semester**

Students study significant events, people and cultures of Utah's past. The course also emphasizes basic geography skills, government and current events.

**Utah Studies Honors  
(6103) Semester**

This is a social studies class from a Utah perspective. Topics include significant events, people, cultures and issues from the past. Geography, government and current events are also studied. There is an emphasis on inquiry learning, research, primary sources, and service learning.

**Civics  
(6210) Semester**

Introductory class on the basic principles of government and leadership. Student will explore the different types of government, economies, and branches of the government, political systems and elections. Students will be prepared for future government and citizen classes. Class will be discussion and lecture based, with guest speakers and activities.

**Current Issues  
(6215) Semester**

In our current event class, students will learn how events in their community, state, nation, and from around the world relate to them and impact their lives. We will identify issues, compare viewpoints about each issue, and understand how each event influences the world in which we live.

## DRAMA

### **Theater Foundations 1 (4230) Semester**

This course will introduce skills in performance and the study of drama. Students will also read, view, and analyze theatrical works. Each student MUST perform throughout the semester. Topics include: movement, voice, script writing, script analysis, characterization, storytelling, and basic acting skills. This is an introductory acting course.

## WORLD LANGUAGES

### **Spanish 1 (4620) Year**

This course helps students create a solid foundation of basic Spanish skills. Skills such as introductions, descriptions of people, likes/dislikes and describing family are modeled by the teacher and then students practice those skills in a variety of scenarios. In class students interact with the language through reading, listening, writing and speaking the language to complete realistic scenarios. The class is taught mostly in Spanish.

### **Foreign Language Survey (4470) Semester**

This course introduces student to world languages and cultures. During the course, students will learn about other cultures, countries, and languages. Students will be exposed to a brief history of the country, animals, greetings, farewells, numbers, colors, and days of the week. Some languages that may be covered include Spanish, Chinese, French, and German.

## ADDITIONAL ELECTIVES

### **Study Skills (2400) Semester**

The purpose of Study Skills is to teach specific concepts related to school success, correct study principles for home and school, independence, self-motivation, self-discipline, choices and consequences, and skills for lifelong learning.

### **Pep Squad (7860) Semester**

This class designed to foster school spirit and allow more students the opportunity to participate in structured activities that support school spirit and pride. Together with the Cheerleaders and Student Government, students taking Pep Squad will learn cheers and participate by cheering at home games. Attendance at home games is mandatory. This is not a competition squad and is open to any student interested in participating. Uniform fee of \$10.00 for Pep Squad t-shirt.

### **Library Media Skills (2230) Semester**

Library Media Skills includes learning how to circulate library materials, serving library patrons, and other day-to-day operations of the library. The course includes reading a variety of materials for information and leisure, practicing research skills, and learning to interpret the messages in media. Students will also be completing errands and tasks for a variety of teachers.