

## *1<sup>st</sup> and 2<sup>nd</sup> Hour 7<sup>th</sup> and 8<sup>th</sup> Grade Electives*

### **FACS 7**

FACS 7 introduces the student to two parts of the FACS curriculum- a look at Child Development and Foods and Nutrition. Students will learn about stages and areas of development of children from prenatal through the adolescent years, helping them to relate to siblings and peers. In the Foods Unit, students will be introduced to making healthy food choices and get hands on experience in the food labs preparing simple meals and snacks.

### **FACS 8**

FACS 8 continues to introduce students to two more content areas in the FACS curriculum - Consumer Skills and Color, Art and Design Principles and Clothing. In this course students work on life skills regarding time, energy and money management and explore career opportunities. Students end the quarter learning to operate a machine and complete a project to use as they move to high school.

### **ART 7**

We will learn the elements and principles of art while learning how to use different tools and techniques that express our creative ideas. Projects include, but are not limited to: Sketchbook, Elements and Principles, Shoe Drawing, Clay Bowl Basket Weaving Fusion, Master Painting, Monster Doll sewing, Found Object Sculpture and Still-life Drawing.

### **ART 8**

We will learn the elements and principles of art while learning how to use different tools and techniques that express our creative ideas. Projects include, but are not limited to: Sketchbook, Elements and Principles, Clay African Mask, Comic Strip Drawing, Moccasins, Self-Portrait and Tape Sculpture.

### **TECH 7**

Students will explore the world of technology through active exploration. This will be in the form of modular based instruction and the use of the woodshop. Students will use Google Sketchup to create 3D drawings. Manufacturing skills such as reading a ruler and following basic plans will be used to create a simple project.

### **TECH 8**

Students will explore technology through the use of modular based instruction. Each unit is an example of career. Students will also be exposed to production through the use of the woodshop. Each student will bring home a wooden gumball machine.

### **Elective Science 8**

This class is a challenging science based course (which incorporates English, math, science, and history) that motivates our best academic students to achieve at even higher levels, and stimulates interest in the science field. This course is designed for the top 40% of our students. Students need to be on either the "A" or the "B" honor roll to enroll in this course, or have individual permission from the instructor.

Some topics covered are extensions of those covered in Science 7 and Science 8, however the content will go far beyond what is taught in the core classes. Some topics will be new to the students, and not covered at all in the core classes. Possible units include: orienteering, acid rain, cloud observations, medical topic research papers, pig dissections, airplanes and airfoils, bridge building, water rockets, global warming, an experiment competition, bacteria growth, and other topics suggested by the students.

## ***4<sup>th</sup> Hour 7<sup>th</sup> and 8<sup>th</sup> Grade Electives***

### **Elective TECH 7**

Students will explore the technological world through the study of communications, air transportation, land transportation, construction, and manufacturing. Students will learn how to use design software to solve design problems in each of the technology areas.

### **Elective TECH 8**

Students will explore the world of design engineering through the design and construction of a model dragster. Students will also explore the beginning skills of manufacture through the construction of a woodworking project. Other areas that may be explored are 3D gaming, and vehicle crash analysis.

### **Elective Ag 7 (*The Science of Animal Agriculture*)**

Students will be using the text: *The Science of Animal Agriculture*, Ray Herren. We will cover these basic units in animal science, Lab Experiences, along with additional information useful in FFA Career Development Events, in General Livestock, Poultry production, Dairy production and Dairy products, and Meats. Students interested in Agriculture and the FFA will definitely benefit from this course.

### **Elective Ag 8 (*Modern livestock and poultry production*)**

Students will be furthering their exploration into Animal science with this practical course on livestock and poultry production. We will be expanding on the introductory animal science course taken in 7<sup>th</sup> grade, looking at Careers, Anatomy, Physiology, Feeding and Nutrition in the areas of Beef, Swine, Sheep and Goats, Poultry and Horses. Students will have the opportunity to start keeping records and create their own Supervise Agricultural Experience program. This course is recommended for any students interested in Agriculture and competing in FFA Career development events in 9-12 grade.

### **7-8 Choir**

Junior High Choir is a performance ensemble and a year-long course. We give two concerts a year and may participate in community and area activities. All performances are mandatory! The grade is choir is earned by doing the following: Lessons (30%, 4 lessons/quarter), Daily Participation (30%), Performances (30%) and Assignments and Daily Work (10%). Every mid-term and end of the quarter students are to complete sight-singing tests during a lesson. Anyone can be in choir! Our goal as a group is to develop into better singers, to make music, and to have fun doing it!

### **7-8 Band**

Band is a performance-based class where students get to explore the art of instrumental music making! MS Band combines both 7th and 8th grade students who will play a variety of music, learn music history, theory, appropriate performance etiquette, and how to develop as a musician. This is a year-long class (2 semesters) that continues to develop the student's skill on his/her instrument of choice and includes a minimum of 3 public performances. Participation in these performances is REQUIRED. Students will participate in large group as well as small group rehearsals on a daily basis.

Band is open to any 7th or 8th Grade student who had been a member of Band in Grades 5-7. Any student that wishes to join band but has never been in Band before is welcome to join band with the consent of the director. These students will take individual lessons until they reach the desired level of proficiency to join the band. During this time they will remain in Study hall until they are able to participate.