

**FRONTIER MIDDLE SCHOOL  
ELECTIVE COURSE DESCRIPTION  
2015-2016**

**ART**

Students will be introduced to the basic elements of design (line, shape, form, color, value, texture, and space), as well as the principles that balance and unite these elements to create a good composition. Through classroom exercises and projects, students will learn to evaluate and apply a variety of media, techniques and processes to a range of subject matter. Students will also explore the significance of art as it relates to personal experience, culture, and human history.

**BAND**

6<sup>th</sup> grade band is an introductory course to instrumental music and will provide students the opportunity to play woodwind, brass, or percussion instruments. The decision on which instrument to be played will be made by the student and parent in cooperation with the band director. Our goal is to build self-confidence, improve self-expression, and develop cooperation, teamwork, and responsibility. Grades are based on participation, instrument technique, and performance skills. Student attendance is required at all concerts and performances. Band is a **full year course**.

**CHOIR**

Choir is open to any student who loves to sing, no audition is required. This is a **full year course** in which students are introduced to the fundamentals of music and the skills required for effective ensemble singing. Students will rehearse and perform level appropriate two and three part choral literature. Grades will be based on participation, vocal technique and performance skills. Attendance at scheduled performances is mandatory and a part of the students' grade in class. Students are required to purchase a polo shirt for performances.

**COMPUTERS**

The 6th grade computer literacy course introduces students to the basic computer operating system, computer terminology, file maintenance, file organization, file storage and file retrieval. There will be more of an emphasis placed on proper keyboarding techniques. Students will also work on projects using Microsoft Office programs: Microsoft Word, Excel, PowerPoint, and Publisher. Internet research techniques will be used to complete some assignments.

**MEDICAL DETECTIVES**

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a crime scene. They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health. This rigorous class is geared towards students who have average to above average understanding of math & science. Note: This course supports the PLTW-Biomedical Science program at the high schools.