BRIER TERRACE MIDDLE SCHOOL
7TH GRADE ELECTIVES COURSE DESCRIPTIONS

Welcome to Brier Terrace Middle School! Here is a list of our electives for incoming 7th graders. Please review them with your parent/guardian as you select your course requests and alternate requests.

Concert Band

(Pre-req 6th-grade Band) Concert Band is a year-long class made up of 7th graders who were in elementary band. This class is fun because we play our instruments every day, we play exciting music, and we get good quickly. Throughout the year we perform in large groups and small ensembles. Plus you get to know new people who quickly become a "band family." We have several evening performances and go on field trips. It's worth it to join Team Awesome! **(Year-Long)**

Concert Orchestra

(Pre-req 6th-grade Orchestra) This course is for 7th graders who have played an orchestra instrument in 6th grade. Students will have the opportunity to perform exciting music, get better at playing their instruments and at reading music. This class will include field trips to festivals, performances for our school community and evening performances throughout the year. **(Year-Long)**

Concert Choir

This course is an elective for 7th and 8th graders who love to sing, with no prior experience required. The choir performs various music styles (traditional, pop, movie, jazz, etc.) at concerts, assemblies, and festivals, while building confidence, teamwork, creativity, and music skills. **(Year-Long)**

Art

Experience new ways to express yourself in art. Open to 7th & 8th graders who are interested in hands-on learning and would like to create high quality, exhibition-worthy projects in drawing, painting, and 3-D art. Whatever your skill level, you will enjoy how your talent develops. **(Semester-Long)** **(Fee: $20)**

Foods

The Foods class promotes practical learning and life-long skills in areas of nutrition, basic cooking skills, meal planning and preparation. Students will prepare a meal for their families as their final project. Working in teams, students prepare a variety of foods. This class will bring out the chef in anyone. **(Semester-Long)** **(Fee: $20)**

Intro to Coding

Our Coding class is designed to introduce middle school students to the exciting world of coding and computer programming. Through a hands-on approach, students will learn fundamental concepts of coding, develop problem-solving skills, and gain confidence in their ability to create technology. Students will learn the basics of writing code, understanding algorithms, and debugging errors. No prior coding experience is required. **(Semester-Long)**

STEAM Fundamentals

In this course, you will be introduced to engineering and design concepts through creative hands-on build projects. You will learn how to safely operate hand and power tools to design and race your own wood dragster car, use 3d printers to make keychains and other objects, run a laser cutter to make cell phone stands and tokens, and create an air launched rocket that can fly a full football field. You will also learn to use Computer Aided Design programs to make 3D models for characters, tools, and toys, build a balsa structure that will hold hundreds of pounds in a crushing machine, create an architectural model of a dream house, and work as a team on a robotics build that you will code to operate. You will feel like a real engineer in this course and it will be the highlight of your year! **(Semester-Long)**