8th grade registration includes:

- *8 Pre-Algebra, *8 Algebra or *Honors Geom.*
- *Physical Science*
- *English or *Enriched English*
- *U.S. History*
- *Health Enhancement (A or B day)*
- *Option A or Option B below*

Option A - Music Pathway	Option B - Non-Music Pathway
● **Band, Orchestra or Choir** **Year-Long** **Along with:** ● **Tech Ed. 2** ● **Empower 2** **A or B day for a semester each**	● **Art 3** ● **Computer Science 2** ● **Spanish 2** ● **Flight** ● **Tech Ed. 2** ● **Empower 2** **A or B day for a semester each**

*Advanced placement in Math and English will be determined by current placement, teacher recommendation and/or test scores.

**Sometimes students are placed in classes for __extra support__ in reading and/or math as determined by their test scores and teacher recommendation/I.E.P. They take the place of an elective class.

Option A - Music Pathway Course Descriptions:

If you are in Band or Orchestra this year—you must sign up for it next year unless you have written permission (letter or email) stating that you are able to drop.

Band (year-long)
8th grade requires 3 years of previous experience. *(Exceptions to this require instructor approval)*
Attendance at school and evening concerts are required. A schedule of these concerts will be handed out the first week of school.

Orchestra (year-long)
8th grade requires 3 years of previous experience. *(Exceptions to this require instructor approval)*
Attendance at school and evening concerts are required. A schedule of these concerts will be handed out the first week of school.

Performance Choir (year-long)
Students in choir have the opportunity to sing in groups large and small as well as perform as a soloist. Attendance at school and evening concerts is required. A schedule of these concerts will be handed out the first week of school.

Tech and Engineering 2 (A or B day for a semester)

The Tech Ed 2 course is designed to give students the opportunity to gain skills applicable to many different technical or trade careers. Topics covered: horticulture/agriculture, engineering, design, transpiration, manufacturing, and construction. Students will engineer and design projects in the shop while also working in the greenhouse to produce marketable plants. Tech Ed 2 offers students more advanced shop tool usage with projects involving wood, metal, and concrete.

Empower 2 (A or B day for a semester)

A continuation of Empower 1. Course will include hands-on projects and rich discussions to develop advanced culinary skills, financial basics, and entrepreneurial ventures.

Elements of study: managing multiple roles and responsibilities, consumer and family resources, consumer services, family and community services, food productions and consumer sciences, food sciences, dietetics and nutrition, interpersonal relationships, textiles, fashion and apparel.

Option B - Non-Music Pathway Course Descriptions:

Art 3 - 3D Fundamentals (A or B day for a semester)

In 3D Art Fundamentals, students will expand their knowledge of art. Students will learn a variety of sculptural techniques using three-dimensional media such as clay, paper mache, and wire. Students will create functional and nonfunctional pieces and finish them in a variety of ways while developing and refining motor skills. Construction methods may include assemblage, carving, modeling, and hand-building. The students will study forms from different points of view along with how they occupy the space. This interaction with form is the essence of three-dimensional design which makes it a unique art form.

Computer Science 2 (A or B day for a semester)

A continuation of Computer Science 1.
Students will continue to explore the fundamentals of the stimulating career path of computer science. They will venture into text programming through Python and, in the final problem, develop an app to crowdsource and analyze data on a topic of their interest.

Flight (A or B day for a semester)

The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an air-foil. Custom-built simulation software allows students to experience space travel.

Spanish 2 (A or B day for a semester)

This fun, interactive *course* is filled with diverse, multimedia language activities. Students begin their introduction to *Spanish* by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing.

Tech and Engineering 2 (A or B day for a semester)

The Tech Ed 2 course is designed to give students the opportunity to gain skills applicable to many different technical or trade careers. Topics covered: horticulture/agriculture, engineering, design, transpiration, manufacturing, and construction. Students will engineer and design projects in the shop while also working in the greenhouse to produce marketable plants. Tech Ed 2 offers student

Empower 2 (A or B day for a semester)
A continuation of Empower 1. Course will include hands-on projects and rich discussions to develop advanced culinary skills, financial basics, and entrepreneurial ventures.

Elements of study: managing multiple roles and responsibilities, consumer and family resources, consumer services, family and community services, food productions and consumer sciences, food sciences, dietetics and nutrition, interpersonal relationships, textiles, fashion and apparel.