This creative arts course is mandatory for all eighth-grade students and will last for 36 days (one cycle).

Technology is a body of knowledge separate from, but related to the sciences, with specific content and activities. It is the application of tools, materials, processes, and systems used by humans to solve problems. The study of technology will require students to design, create, utilize, evaluate, and modify technological systems to solve problems. By solving these problems, students will be given the unique opportunity to apply numerous academic concepts through practical hands-on applications.

*Student’s class participation grade will be reflected in various writing requirements and class-wide activities as well as your completion of work on computer applications.*

8th grade Technology Education Sequence of Curriculum
(Sequence may be altered by instructor)

**Unit 1: Introduction to Manufacturing**
- Tools
- Cutting Machines
- Drilling Machines
- Sanding Machines
- Manufacturing Processes
- CNC (Computer Numeric Control)

**Unit 2: Introduction to Electronics**
- Safety and Meters
- Conductors and Insulators
- Comparing Series and Parallel Circuits
- Ohm’s Law

**LATE WORK WILL BE ACCEPTED FOLLOWING DISTRICT POLICY:**
- The earned percentage grade will be reduced by 10% a day up to 3 days
- If student is absent, follow district guidelines
- After 3 class periods, late work will no longer be accepted
- If homework/class work is reviewed in class, late work does not have to be accepted unless the student was absent the day it was reviewed.