**Course Descriptions:** Welcome to Technology and Engineering! This year we are going to expand our understanding of technology and engineering by exploring the causes and effects of structure and systems. Additionally , we have new resources, including Green Screens and a 3D Printer that we will be utilizing. This class is all about finding solutions to problems, planning and executing those plans, as well as thinking critically to find creative ways to present your thoughts.

**Topics:**

* Structural Successes
* Green Screens
* Sketchup
* 3D Printing
* Engineer Design Challenge (Catapults)
* Forces
* Bridges Review
* MCAS Review
* STEM FAIR
* One Day Challenges

**Assessment/Grading:**  Grading will be done using the E ( Excellent) S (Satisfactory) and U (Unsatisfactory) system. Students grades will be determined by the following assessment:

* Projects
* Class Participation
  + Asking and Answering Questions
  + Working cooperatively with both me and other students
  + Putting materials away at the end of class

**Rules:** In order for everyone to have a positive experience in Tech Ed, there are some rules which we all need to follow:

* Students must be ***RESPECTFUL*** at all times
* Students must be prepared for class at all times
* Students cannot eat in class
* Even though this is a technology class, students are not allowed to use their phones/iPads/tablets in class
* Students must put their best effort into their work at all times

\*\*\*If you do not understand something, need help with a project, or need to go over any material feel free to ask me in class, before school or after school. This classroom has an open door policy\*\*\*

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