



Engineering & Technology Education Course Syllabus

Mr. Adam Meador / Room A142

6th Grade - Exploring Engineering & Technology

Course Description:

This course will give the student the opportunity to expand their technological literacy and explore the ever-advancing world of technology. A main focus of the course is to assist students in becoming self-motivated, technologically literate, life-long learners. Students are encouraged to develop skills, knowledge, problem solving abilities, work ethic and awareness of the societal and environmental impacts of Communication, Production, Power/Energy and Transportation, and Bio-related technologies. Students will work in pairs or individually on various projects that include real-world design challenges.

The goal of this course is to provide all students with an introduction to the principles of Engineering & Technology and its place in the modern world. Exploring Engineering & Technology introduces and has the student work through an engineering design process while looking at technological impacts on society. Exploring Engineering & Technology reinforces the areas of science, technology, engineering and mathematics through practical application and / or hands-on activities. Exposure to Engineering & Technology related careers, work ethics and leadership skills will be important components in this course.

Co-Curricular Activity:

Technology Student Association (TSA)
Please visit our website for more information:
<http://bmstechedu.weebly.com/tsa.html>

Grade Categories & Percentages:

Class Participation	30%
Projects	50%
Tests/Quizzes	20%

Technology Expectations:

Students are expected to "**Keep It R.E.A.L.**":

Responsible – meaning we will use the classroom materials appropriately, bring our materials to class, and turn our work in on time. What we are learning in class is important and will be beneficial to you in the future, and I expect you to take class seriously.

Excellent in every way – meaning students will try our best to exceed all expectations. We will push ourselves to be

Textbooks & Materials:

Students will be provided with the following:

- Students will have access to an iPad for use during class.
- Project materials are furnished as needed, students will be expected to replace any materials damaged due to rule violations

The student must provide:

- Pencil/Pen
- Incidentals such as writing paper or presentation materials

better at everything we try. We are capable of accomplishing whatever we set our mind to; we just have to believe in ourselves. You need to believe in yourself and know that if you put in the needed effort you will be successful, not only in class, but in life.

Attitude – meaning we will have a positive, can-do attitude. Attitude is a little thing that makes a big difference. If we have a positive attitude we will be more confident, and will be able to accomplish more in class.

Successful **Learners** – meaning we will come to class