

STEM

Science
Technology
Engineering
Mathematics

Miss DeMatteo
Mrs. Steward
Mr. Rakar
Mr. Young

Course Description: This course will cover major concepts and skills using physical sciences, life sciences, scale, geometry, problem solving, equations, modeling, design, and various types of media. In addition, we will be working closely with other classroom teachers to reinforce all subject areas.

Expectations:

- Students will come to class prepared with the following materials: assignment book, writing materials, and computer login.
- Students will work together in groups for each project. Each group will develop a role for each individual.
- Extra credit will be available as a class. No individual extra credit will be available.

Grading:

- 25% of your grade - daily participation (on-task/off-task)
- 75% of your grade - project grades

Units to be Covered:

- Tot Lot: Designing A Playground with Mathematical Principles
- The Space Race of the 1960's/To the Moon
- Wind Farmer
- Farm-To-Table Restaurant Entrepreneur
- Chemical Materials Engineer: Creating a New Portable Water Bottle
- Baseball Bat Analyst
- App Developer: Athletics and Body Systems
- Crime Scene Investigator

Contact Information:

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Follow along on Twitter @bearcatstem to get updated about the class schedule and projects!