

## 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:

- Building an Aquatic Habitat
- Artificial Island Real Estate Agent
- Industrial Designer: Skateboard Park
- Design Architect
- Aircraft Designer
- Solar Power: Photovoltaic Cells
- Nutritionist
- Coast-To-Coast Trip: Travel Agent

### Contact Information:

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