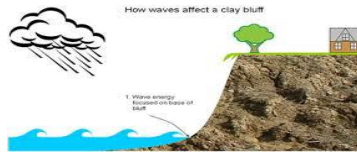


March 3, 2016



Dear Second Grade Families,

We are beginning a STEAM (Science, Technology, Engineering, Art, Mathematics) unit in grade two called "Soil Erosion." This project focuses on many of the Next Generation Science Standards for grade two, including:

- (1) Develop a model to represent the shapes and kinds of land and bodies of water in an area.
- (2) Make observations from media to construct an evidence-based account that Earth events can occur quickly or slowly.
- (3) Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.

As the Boston Museum of Science advertises, there are many reasons to introduce children to engineering:

- Engineering projects reinforce topics children are learning in school.
- Engineering fosters problem-solving skills.
- Children are fascinated with building and with taking things apart to see how they work.
- Engineering and technological literacy are necessary for the 21st century.

-Boston Museum of Science: Engineering Everywhere

If you have any of the following materials available or are willing to contribute and would like to donate, we would greatly appreciate having them by **Friday, March 11th**. They can be sent in addressed to **Mrs. Eccleston: STEAM**

CLAY ● TOOTHPICKS ● STRAWS ● POPSICLE STICKS

Thank you in advance for your support,

Jennifer Eccleston, Mathematics Coach/Math-Science Curriculum Coordinator