**Foam Tower**

***Challenge*: The team must create a tower that is as tall as possible out of the available materials**

***Time:* The team has 20 minutes to plan and construct their tower. The team may elect to call**

**"time" early if they wish.**

***Materials:* a can of shaving cream**

**soda straws**

**1 sheet of 8 1/2" x 11" paper**

***Tip:* To make clean up easier, build the tower on a large garbage bag or area covered**

**with newspapers, etc... The garbage bag or newspapers are not to be part of the tower.**

**Subjects**

* Earth and Space Science
  + Earth Structure
    - Oceans and Water
* Engineering and Technology
  + Engineering
    - Civil Engineering
  + Technology
    - Construction
* Physical Sciences
  + Chemistry
    - Solutions
* The Nature of Science
  + The Scientific Process
    - Conducting Investigations
* The Nature of Technology
  + The Design Process
    - Invention and Innovation
    - Problem Solving