**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