

# Engineering And Robotics Learned Young

◆ EARLY ◆

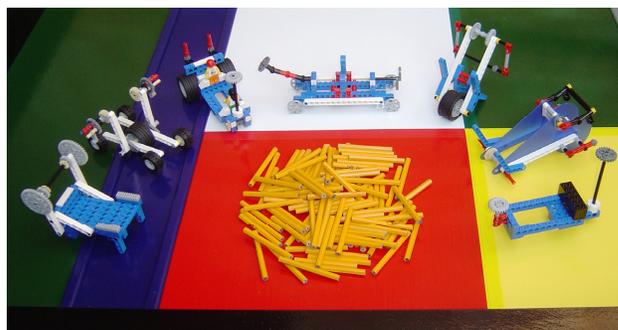
## Spring 2011 Robotics Competition Mission Object Details

The Spring 2011 EARLY Robotics Competition mission objects are 100 pencils, cut to three inches in length, representing Wood **Products**. The following information is provided for the **Products**.

### Products



A **Product** is represented by a three inch long hexagonal pencil



100 pencils are used for the mission



Two **Products** can be made from one standard pencil



Pencils can be purchased from department, grocery, and drug stores

- The mission object is a three inch long pencil.
- The mission object is referred to as a *Product*.
- There are 100 mission objects required for the challenge.
- The mission object is made from a standard hexagonal pencil, not a round pencil.
- Two mission objects can be made from one standard pencil. Cutting standard pencils to the required three inch length can be accomplished by tools such as a saw, knife, diagonal cutters, or scissors. When using a knife to cut a pencil, an effective way is by rolling the pencil on a table with the knife thus scarring the surface at the desired cut line, then breaking the pencil with your hands. Sand paper can also be used to smooth the pencil ends.
- Pencils can be purchased from a variety of department, grocery, and drug stores.
- The cost of 50 pencils is approximately three dollars.

Please contact [Mission.Control@EARLYrobotics.org](mailto:Mission.Control@EARLYrobotics.org) with any questions or comments.

Thank you for maintaining the spirit of the game!