

Winter Olympics



S.T.E.M-Bobsledding into the Olympic Games

Calling all Engineers!

Billy Bob needs your help!

<https://www.youtube.com/watch?v=UGbOP79EhT0>

His bobsleigh is missing, and he needs a new one. Your team has been asked to design a new bobsled for him to use in the Olympic finals.



Use the following supplies to build a bobsleigh

1 toilet paper roll

1 paper towel roll

2 plastic straws

1 8 x 12 sheet of aluminium foil

6 popsicle sticks

1 plastic cup

12 inches of masking tape

24 inches of duct tape (optional)

*Scissors may be used to cut material, but not in the actual sleigh.

Rules and Guidelines.

- You and your team will have a total of 35 minutes to research and design a bobsled.
- During your 35 minutes you may do one test run to test your prototype.
- You are allowed to use any of the materials that have been given to you in your box.
- When the 35 minutes are up you will meet at the ice to see how your bobsled performs against the other teams.

The winner takes gold!

