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!