

The Ramp Roller Challenge

Goal: Design and build something that will roll the farthest after coming down the ramp.

Requirements:

- Your construction must be sturdy enough to pass the “shake test” – staying together when shaken in the air.
- You can only use the pieces in the kit you are given, but you do not *need* to use every piece.

Procedure: Engineering Design Process

- Look at the pieces in your kit and think about how to make something that will roll down the ramp.
- Build your idea and make sure it is sturdy.
- Test your design by rolling it down the ramp.
- How can you make it go further? Redesign your construction and test it again!

Results:

Record your results here.

Trial #	Distance	Changes Made
1		X
2		
3		