

# STEM

## Wicked Fast Water Slide

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**Watch the Youtube video for instructions:**

<https://www.youtube.com/watch?v=dYV0QEF-Wzw>

### **Materials:**

Small bowl to collect water, toilet paper or paper towel tubes, recycled materials, beads or marbles to represent people. If possible, use a timer (clock, watch, phone, etc.) as a stopwatch to see how fast your rider can go down the slide.

### **Your Task:**

Your task is to design a water slide with the following criteria:

1. The water slide must be built for speed and safety.
  2. Your goal is to get riders (represented by beads or marbles) down the slide as quickly as possible.
  3. Riders may not be ejected.
  4. There needs to be a collection pool for water at the end.
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