

Design Brief

- ▶ **Problem:** How can we design a fast bobsled?
- ▶ **Criteria:** Build a bobsled that will win a race down an inclined ramp.
- ▶ **Constraints:**
 - You may use the following materials: 1 soap dish, 1–3 oz fishing weight, 2 binder clips, 3 fabric strips, 4 pipe cleaners, 2 straws, and one plastic animal (as a passenger).
 - You have 30 minutes to build the fastest bobsled.
 - Your structure must race down the slope and be timed.

Design Brief

- ▶ **Problem:** How can we design a slow bobsled?
- ▶ **Criteria:** Build a bobsled that will slowly make its way across the finish line, when racing down an inclined ramp.
- ▶ **Constraints:**
 - You may use the following materials: 1 soap dish, 1–3 oz fishing weight, 2 binder clips, 3 fabric strips, 4 pipe cleaners, 2 straws, and one plastic animal (as a passenger).
 - You have 30 minutes to build the slowest bobsled.
 - Your structure must race down the slope and be timed.