

## Hoop Glider Challenge

Objective: Students will build a glider that will glide the farthest distance before touching the ground.

Materials per group:

- 4 index cards
- Masking tape
- Scissors
- 4 straws

Procedures:

1. Place students in groups of 3-6 students.
2. Explain to students that they will attempt to build a glider and test to see which one flies the farthest before touching the ground.
3. Have students complete the "Make Predictions" section in their STREAM journal (5 minutes).
4. Have students complete the "Imagine/Plan" section in their journal (5 minutes).
5. Create structure and test (20 minutes).
6. Complete "Reflection" sections in journal (5 minutes).
7. End with a prayer.

Dear Lord,

Please watch over all those flying today. May your hand be on the pilot and crew, your strength be in the engineers that prepare the plane and your wisdom over the control teams on the ground.

We ask this in your holy name, Amen