Name: ____________________________________

Track area 10 m (30 ft) long by 2 m (6 ft) wide. Uncarpeted area preferred.
Numbered pieces of tape mark every meter (3 ft).

**Predict:** How far do you *think* it will go?  **Test:** How far did it go?

**A**  Small

**Predict:** How far do you *think* it will go?  **Test:** How far did it go?

**B**  Medium

**Predict:** How far do you *think* it will go?  **Test:** How far did it go?

**C**  Large

**Predict:** How far do you *think* it will go?  **Test:** How far did it go?

Check out our lab set-up videos by scanning the QR Code or going to teachergeek.com/sailcar
Predict: How far do you think it will go?

Test: How far did it go?

A
Small

B
Medium

C
Large

Name: ________________________________
Name: ____________________________________

Predict: How far do you think it will go?

Test: How far did it go?

Predict: How far do you think it will go?

Test: How far did it go?

Predict: How far do you think it will go?

Test: How far did it go?
Cut the following sail shapes from cardstock, cardboard or stiff paper. The shapes can be re-used between sail car groups.

A
Small Circle Sail

B
Medium Circle Sail
Large Circle Sail
Interesting Note: The large sails have twice the area of the medium sails. The medium sails have twice the area of the small sails. If you’re following the math… that makes the large sail FOUR times larger than the small sail.
A
Small Triangle Sail

A
Small Square Sail

B
Medium Triangle Sail
B
Medium Square Sail
Large Square Sail