

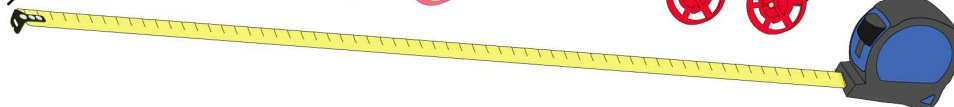
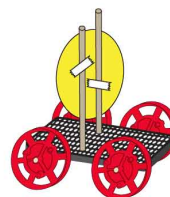
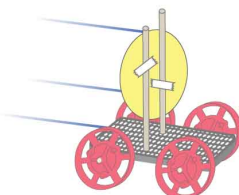
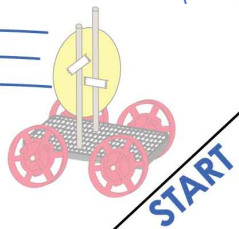


Check out the [Lab Set-Up Video](#) by scanning the QR Code or going to teachergeek.com/sailcar

Name: _____



Track area 10 m (30 ft) long by 1 m (3 ft) wide. Uncarpeted area preferred.



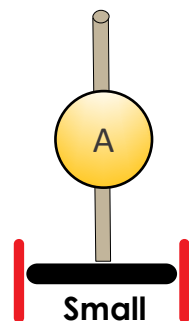
Circle the units you will be measuring in.

Inches
(in)

Feet
(ft)

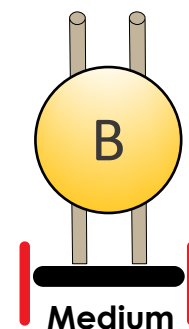
Centimeters
(cm)

Meters
(m)



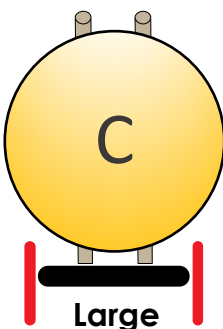
Predict: How far do you think your car will go? _____

Test: How far did it go? _____



Predict: How far do you think your car will go? _____

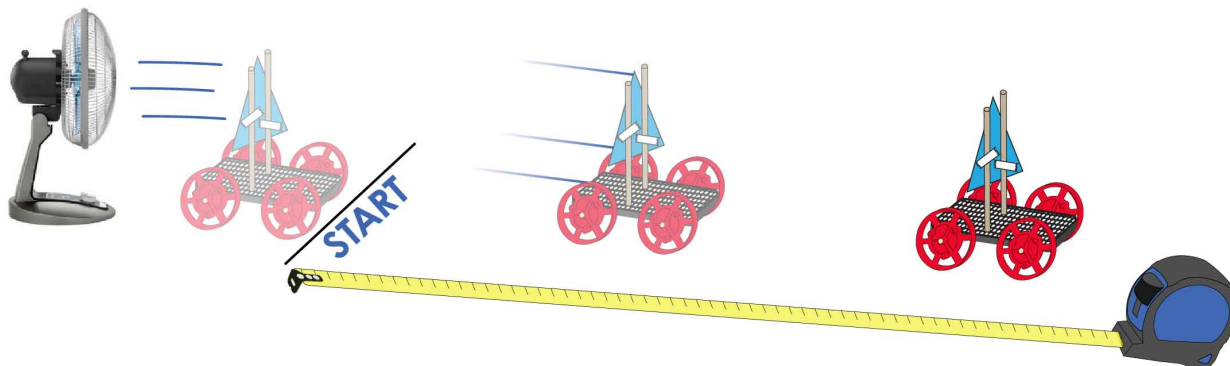
Test: How far did it go? _____



Predict: How far do you think your car will go? _____

Test: How far did it go? _____

Name: _____



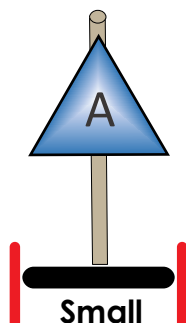
Circle the units you
will be measuring in.

Inches
(in)

Feet
(ft)

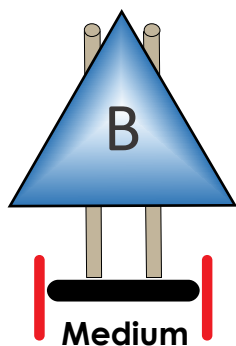
Centimeters
(cm)

Meters
(m)



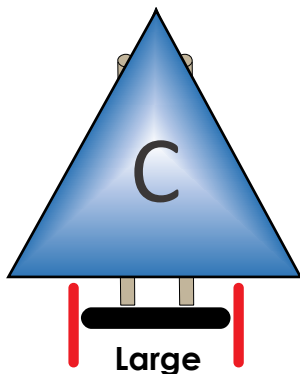
Predict: How far do you
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Test: How far did it go? _____



Predict: How far do you
think your car will go? _____

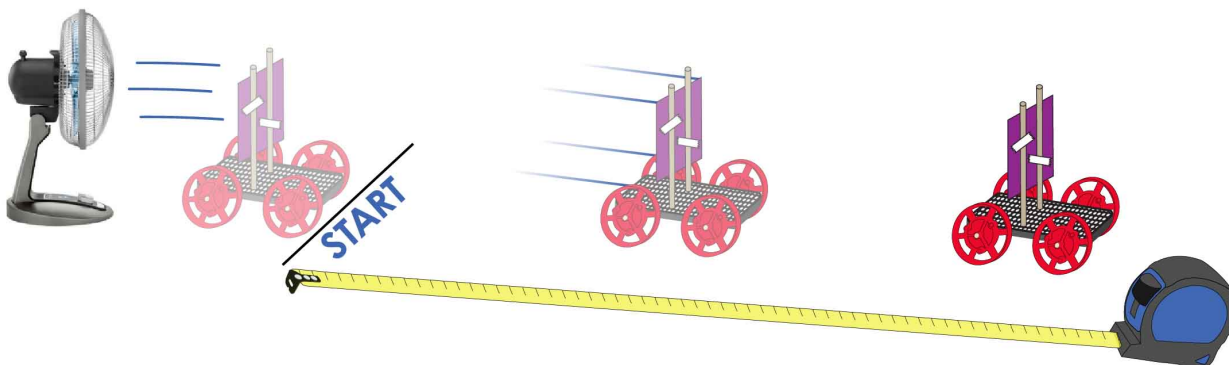
Test: How far did it go? _____



Predict: How far do you
think your car will go? _____

Test: How far did it go? _____

Name: _____



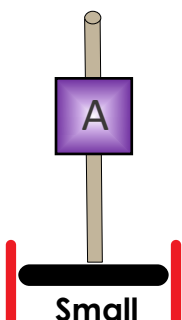
Circle the units you will be measuring in.

Inches
(in)

Feet
(ft)

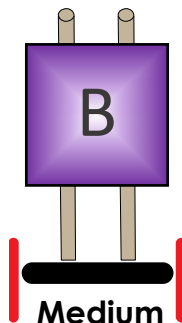
Centimeters
(cm)

Meters
(m)



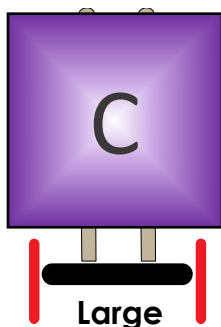
Predict: How far do you think your car will go? _____

Test: How far did it go? _____



Predict: How far do you think your car will go? _____

Test: How far did it go? _____



Predict: How far do you think your car will go? _____

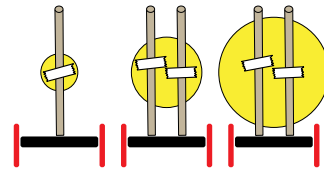
Test: How far did it go? _____



A

Small Circle Sail

Cut the following sail shapes from cardstock, cardboard or stiff paper. The shapes can be re-used between sail car groups.



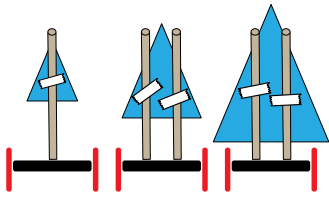
B

Medium Circle Sail



C

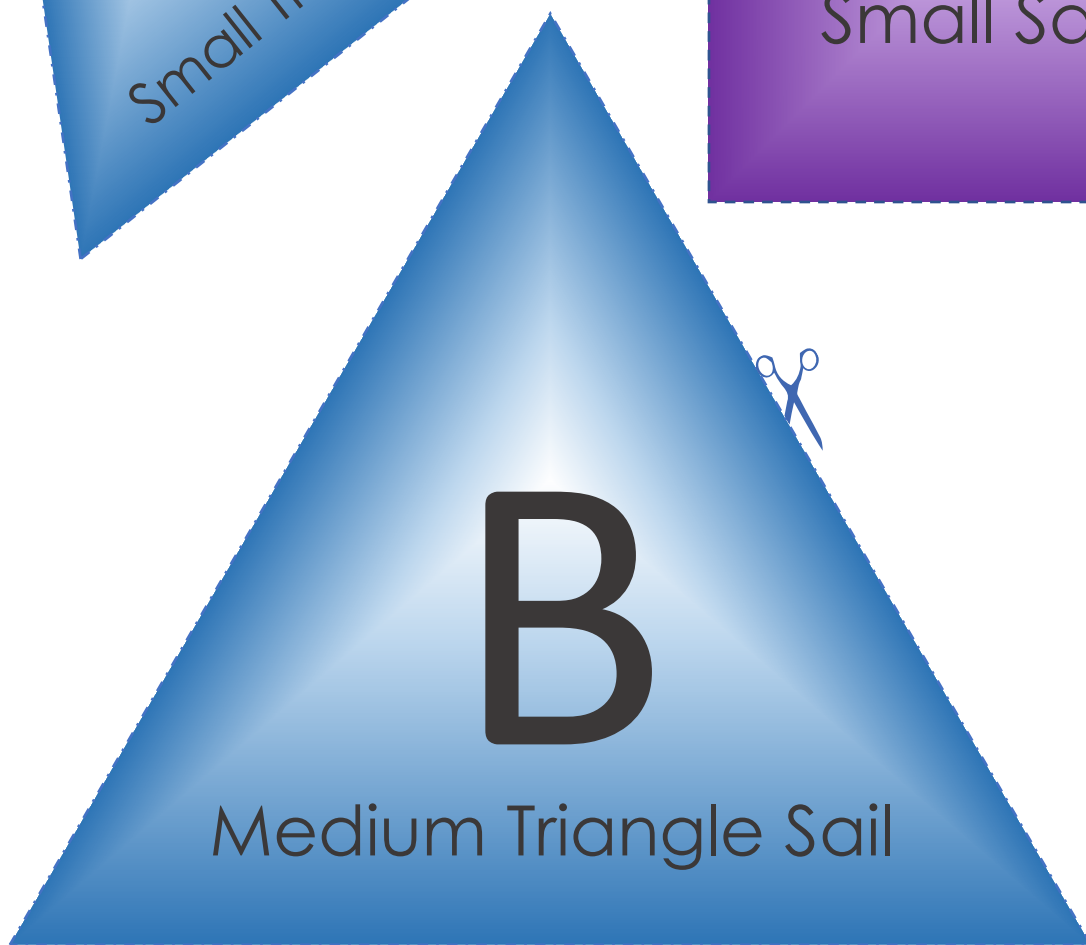
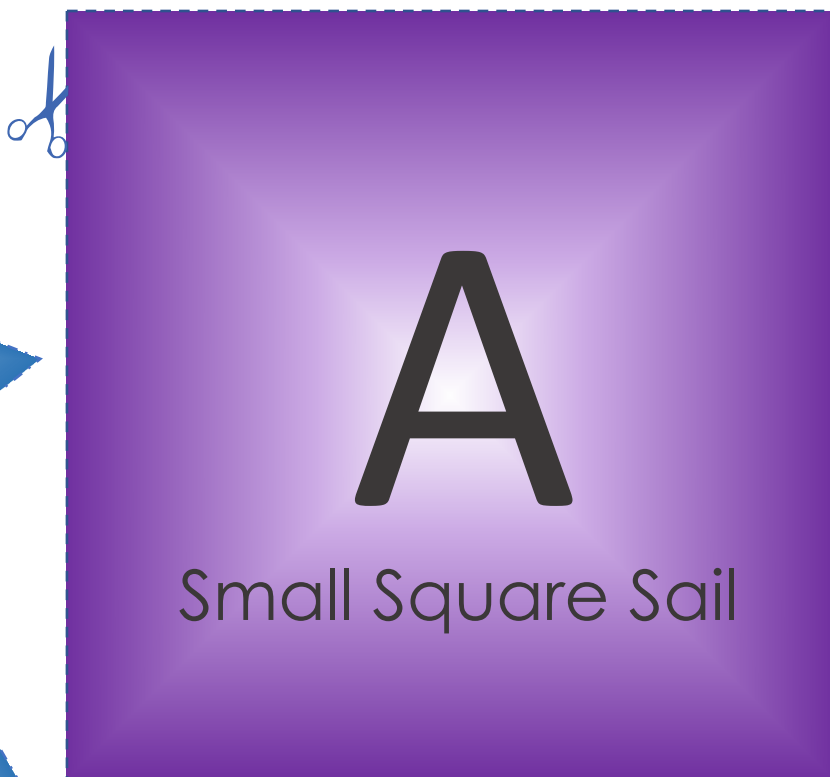
Large Circle Sail

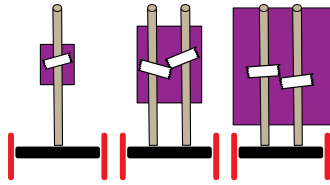


Interesting Note: The large sails have twice the area of the medium sails. The medium sails have twice the area of the small sails. If you're following the math... that makes the large sail FOUR times larger than the small sail.

C

Large Triangle Sail





B

Medium Square Sail



C

Large Square Sail