



Create your own LEGO car and race your car on the ramp. Ready. Set. GO!

Challenge

Build cars and then race them on the ramp. Tick which design features makes your car go faster:

- Big wheels
- Small wheels
- Long body
- Short body
- Low body
- Tall body
- Wide body
- Thin body
- Dark colored bricks
- Light colored bricks
- Windshield
- No windshield
- Heavy car
- Light car



Back at School

Review your test data and write 3-5 sentences of what was most important:

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Draw the race car featuring the five most important design elements:

STUDENT WORKSHEET: GRADE 6-8

MATH IN MOTION: LEGO® NINJAGO® The Ride or Lost Kingdom Adventure



Aim, blast, and compete against your classmates as you collect real data for hands-on math challenges.

Challenge

Use the tracker to record your group's scores:

Score 1:

Score 2:

Score 3:

Score 4:

Winner:

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Use your scores to determine the following:

Mean:

Median:

Mode:

Minimum:

Maximum:

Range:



Back at School

Then, draw a graph that demonstrates the four scores. What patterns or trends do you see?

