



Speedy Racers

Build a car that goes the furthest.


You will need

- Axles and wheels
- LEGO® bricks
- A ringbinder
- Measuring stick



Instructions

Build a car using LEGO bricks and compete against the other group to see which car goes the furthest. The car should be big enough to hold the group's minifigures.

 You have 20 minutes to build, and 10 minutes to test your models.

At the end of 20 minutes, test which car goes the furthest when launched from the ringbinder ramp.

Hints and tips

- What would help the car to go further? Is it better for the car to be lighter or heavier?
- How will you make it a fair test? Discuss with the other group how the cars will be sent down the ramp.
- How will you measure which car went furthest?
- Choose something else to place in the vehicle if you don't have any minifigures.

Minifigure feelings

- How did the minifigures feel if they were in the car that went the furthest? What was it like for the minifigures in the other car?
- What was it like for them being launched off the ramp?
- How do you think the minifigure might feel when they are in the car? Can the minifigure be feeling two things at the same time? What might they be? Why?

