

Investigating Friction

LO: To investigate the effects of friction on different surfaces.

Success Criteria:

- I can explain the force of friction.
- I can make a prediction about which surface creates the most friction for a toy car.
- I can take measurements and record my results in a table.
- I can explain my results.



Which surfaces will you test?

Which surface do you predict will create the most friction for the toy car?

Measure how high the ramp needs to be for the car to start to move over each surface. Record your results below.

Surface	Height of Ramp When the Car

Which surface created the most friction for the toy car?

Which surface created the least friction?

Was your prediction accurate?

Can you explain your findings? Why did the different surfaces create different amounts of friction?