



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.

Which surface created the most friction for the toy car?

Which surface created the least friction?

Was your prediction accurate?

The twinkl logo, featuring the word 'twinkl' in a white, lowercase, sans-serif font inside a black cloud-like shape, with a white ring around it. Below the logo is the website address 'twinkl.co.uk' in a smaller white font. The background of the slide is black with several white stars of different sizes scattered around.



Investigating Friction



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Surface	Height of Ramp When the Car Started Moving

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?

Use these words to help you explain your ideas.

rough



smooth



surface



force



friction





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