

Week 2

Friction

The big idea...

Watch this video

<https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zzqrdxs> to remind children what friction is.

Find a smooth, long surface and place at an angle to make a ramp. Take different objects made of different materials and time how long they take to slide down the ramp. Try to find objects of similar size and weight.

As you record your results, think why some objects move more quickly than others. Do different materials create different levels of friction?

Slide different objects down a ramp. Time how long they take.

Use the table to record your results. Why were some faster than others?

Under the video here <https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zzqrdxs> there are some quizzes and games to explore.

Gripping rice experiment.

