

Year Three Homework Pack Two

Science: Forces

Friction

Rub your hands together - what happens?

They get warm! This is because of friction. Friction is a force that creates heat when two things rub together. Try this experiment all about friction.

Wibbly Wobbly!

For this experiment you will need: • **A grown up to help!!!!**
block of jelly cut into cubes (straight from the packet, not dissolved) • 2 chop sticks or pencils • A small amount of cooking oil • 2 small bowls

Method: • Put the jelly cubes into one of the bowls. • Using the chopsticks or pencils transfer the jelly cubes to the second bowl. How easy was it to move the jelly cubes? How long did it take?

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• Add the cooking oil to the jelly cubes. • Move the jelly cubes back into the first bowl, using the chop sticks or pencils. No Cheating!! How easy was it to move the jelly this time? How long did it take?

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How does friction work in this experiment?

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