

# Wibbly Wobbly Slippery Grippy



**Learning Objective:** Investigate friction - “a force that slows moving objects and may prevent objects from starting to move”

**Curriculum:** Key stage 2 - Sc4 Physical processes, Forces and motion 2c

**Duration:** 30 minutes

**You will each need:**

- Jelly cubes (break up a block of jelly into cubes, do not dissolve)
- Two small bowls
- Two chopsticks or pencils
- Cooking oil
- Timer, stopwatch or clock

**Method:**

- Place all the jelly cubes in one bowl
- Start the timer
- Transfer the jelly cubes to the second bowl using the chopsticks or pencils
- Stop the timer when you have completed the task and record the result
- Repeat twice more
- Calculate the average time taken

Time 1: time:	Time 2:	Time 3:	Average
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How easy was the task?	Easy	Difficult	Very Difficult	Impossible
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**Describe the feeling of the jelly cubes**

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