



STEM

Task:

You will need:

- Jelly sweets
- Paper
- Pen/pencil
- Ruler
- Cup of water

Engineers use their **knowledge** and **experience of mathematics** to find solutions to problems.

How could you measure the **stretchiness** of a jelly sweet?



create
maths

making things work



- Will all jelly sweets have the same stretchiness?
- How could you set up your experiment?
- What data could you collect?
- How could you analyse the data?

What factors could affect the **stretchiness**?

- Have a look at how long the jelly sweets stretch to on a ruler in cm's.
- Put it in water and see what happens to the sweet, does it change colour or stretch more?
- Hold it in your hands for a couple of minutes and see if it changes, what happens to it?



Feedback your answers to Debbie.jones@hereward.ac.uk on email or via Teams meeting.

Finally, did you enjoy the experiment and would you like to do more Stem activities?