

Tea Dunking Experiment



You will need:

- A cup of warm tap water
- A selection of different types of biscuits (at least 4)

Method:

1. Dip half the biscuit into the warm water for one second, then remove it.
2. Repeat this step with the same biscuit until it becomes soggy and starts to crumble. Count how many times the biscuit has been dunked before it deteriorates.
3. Write down your results on a piece of paper.
4. Do the same with a different type of biscuit.

Type of biscuit	Number of dunks

Q: Which biscuit took the least time to crumble?

Explain your results.

(Tuesday) Colourful skittles experiment



You will need:

- A plate or container preferably white
- Skittles
- Warm water from a tap

Method:

1. Place the skittles into a white container, try to alternate the colours.
2. Carefully pour water into the container, if the skittles move, just push them back into place quickly.
3. Watch what happens.

Q: Can you time how long the colours take to reach the centre of the plate using cold and warm water? Which do you think will be faster?

Explain what you found out.

Extension:

Q: What if we used different liquids? Would it work?

Try using cold water, white vinegar or even lemonade to discover what happens.

Q: Do different colour skittles release their colour at different rates?

Q: How long will the rainbow last?

Q: What if we used other sweets?

Try using other sweets, can you find any that work as well as skittles?