

SIR SIDNEY McSPROCKET'S

VICTORY VAULT

Microwave Detective

Put your snacks to the test with this tasty science experiment! Use the microwave (with an adult!) to explore how different foods react to invisible energy waves. You'll discover why popcorn pops, and what makes chocolate melt so fast. This experiment is science you can eat!

You'll Need:

- Microwave (with adult supervision)
- 4 food items (e.g., chocolate, butter, popcorn kernels, bread)
- Plate
- Stopwatch or timer
- Pen and paper

Steps:

1. Place the first food on the plate and microwave for 30 seconds.
2. Note what happens – does it melt, pop, toast or stay the same?
3. Repeat with each item. Which one heated the fastest?
4. Discuss: Why did some heat faster than others?
5. Try microwaving popcorn last – enjoy your results!