Lesson 14

Conductors and insulators of heat: which spoon stays cool?

Materials

Words to use

Heat conductor · Heat insulator · Middle value

Our question

> Which spoon handle warms fastest in warm water: metal, wood or plastic?

I predict...because...

Change: the ONE thing we change

Measure: the ONE thing we measure

Keep the same: to make it fair

Draw our test: a cup, the water and a spoon. Label the handle and where the judge's finger goes.

Time until each handle feels warm (in seconds)

Material	Trial 1	Trial 2	Trial 3	Middle value (circle it)
Metal				
Wood				
Plastic				

Our class ranking, from best heat conductor to best heat insulator

What the evidence showed, in one sentence

One everyday place we use a heat insulator