



1 • READING REAL TEMPERATURES

Read the thermometer (or the point-and-read gun) and write the number. A grown-up can write it first for you to copy.

WHERE WE MEASURED	°F	COLDER OR WARMER THAN ME? (I AM ABOUT 98 °F)
 ice water		
 room air		
 warm water		
 hot plate surface (teacher points the gun)		

32 °F

water's freeze-and-melt line — below it water is ice; above it
ice becomes water

212 °F

water's boil line — here liquid water races away into
invisible gas

2 • MY ICE SHAPE RACE

Draw your shape when we set it out. Check it after each experiment — when only a puddle is left, write down how long your shape lasted.

MY SHAPE AT THE START (DRAW IT)	MY SHAPE AFTER LUNCH (DRAW IT)	HOW LONG DID IT LAST?

Which shape in the race melted first — a big fat one or a small skinny one? Tell a grown-up why.