# Ice Cubes in Two Places

Adult setup and discussion guide. There are no fixed results.

## Set up the comparison

Use two similar ice cubes from the same tray and two matching, unbreakable plates. An adult places them at the same time in two safe indoor places, away from electrical equipment, heaters and direct heat. Do not use a freezer as one of the places. Keep children supervised; do not eat the experiment ice. Wipe spills promptly.

## Observe both at matching times

Label the places A and B. Draw both at the start, then choose two later times together. An adult may take a quick look or photo of both at each time. Leave the plates in place and do not handle the ice. Keep cube size, plate type, starting time and handling similar. Record actual elapsed minutes.

## Describe what really happens

Ice is solid water. Melting changes it to liquid water. Children may record a smaller cube, water around it, no obvious change or uncertainty. Do not supply a melting time or invent a result. A partly melted cube is still a useful observation.

## What can the records tell us?

Compare A and B at the same recorded times. Discuss visible evidence. This compares two places, not temperature alone: light, airflow and surfaces can also differ. Do not claim that a difference proves one cause. If the cubes or setup were unequal, note that and consider repeating more carefully.