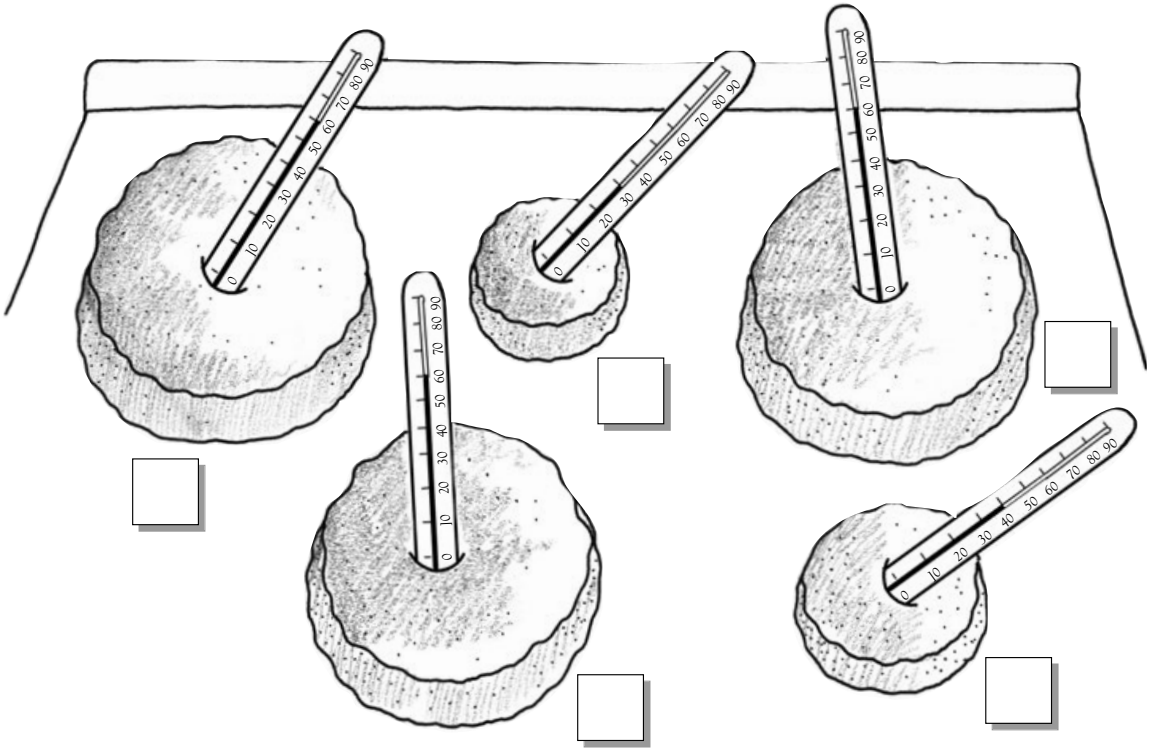
Cool it off!

Observations

When things are heated, they become hot. When heat is taken away, they cool down. Some things cool quickly, others cool more slowly.

Science activity

Jeffrey baked some cakes in a very hot oven at 180°C. He took them out of the oven and left them to cool. After ten minutes, he stuck a thermometer inside each cake. Place a check mark (✔) in the box by the cake that cooled the quickest.



Science exploration

(!) Take extra care - ask an adult to supervise you.

Record the temperature of just–prepared Jell–O every 30 minutes, until it becomes solid. How does the temperature change?

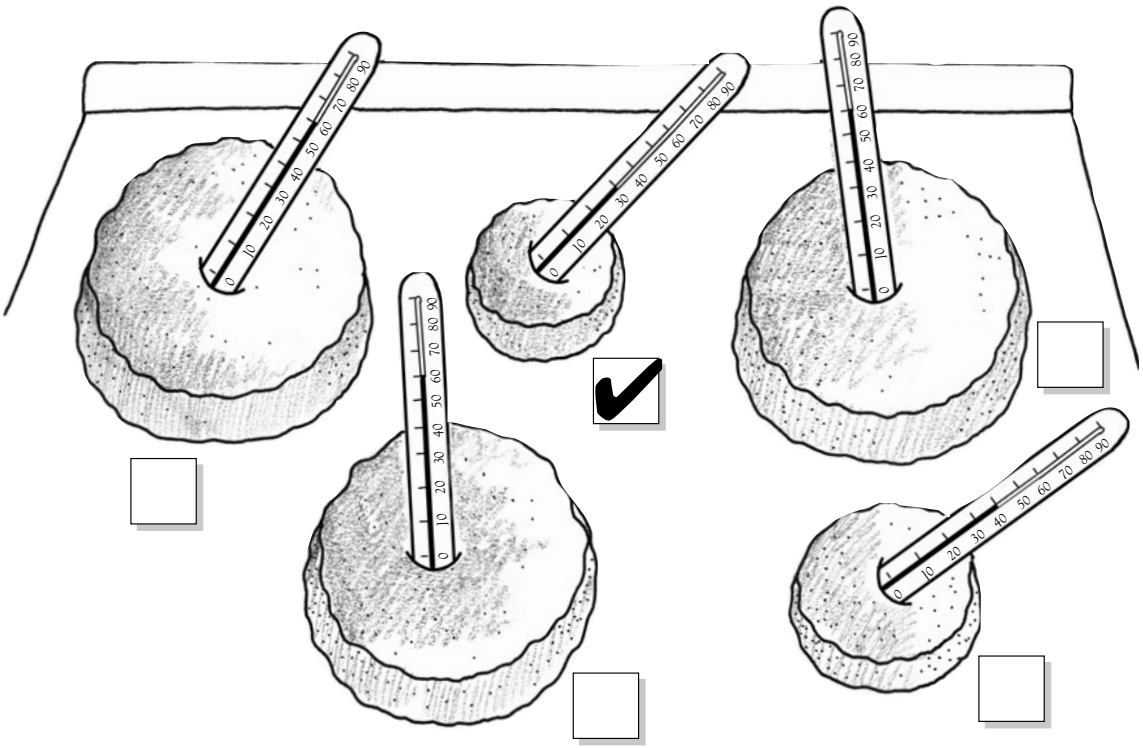
Cool it off!

Observations

When things are heated, they become hot. When heat is taken away, they cool down. Some things cool quickly, others cool more slowly.

Science activity

Jeffrey baked some cakes in a very hot oven at 180°C. He took them out of the oven and left them to cool. After ten minutes, he stuck a thermometer inside each cake. Place a check mark (✔) in the box by the cake that cooled the quickest.



Science exploration

The child will learn that some things cool down more quickly than others. Have the child make a data table to keep track of the Jell−O's temperature change. (This is an opportunity to learn how to take temperature.)