

Ice Cube Race

Time: 30 minutes

You need

- ☐ 3 ice cubes of the same size
- ☐ 3 small plates
- ☐ A piece of cloth, a piece of foil, and a piece of plastic bag
- ☐ Timer, paper, pencil

Steps

- 1** Ask the question: which cover keeps ice frozen longest?
- 2** Wrap one cube in cloth, one in foil, and one in plastic. Leave a fourth cube uncovered if you have it.
- 3** Put all of them in the same place at the same time.
- 4** Every 10 minutes, check and note how much has melted.
- 5** Write your conclusion: which cover worked best?

Before you start: what do I think will happen?

My observations

Table 1. Ice cube observations

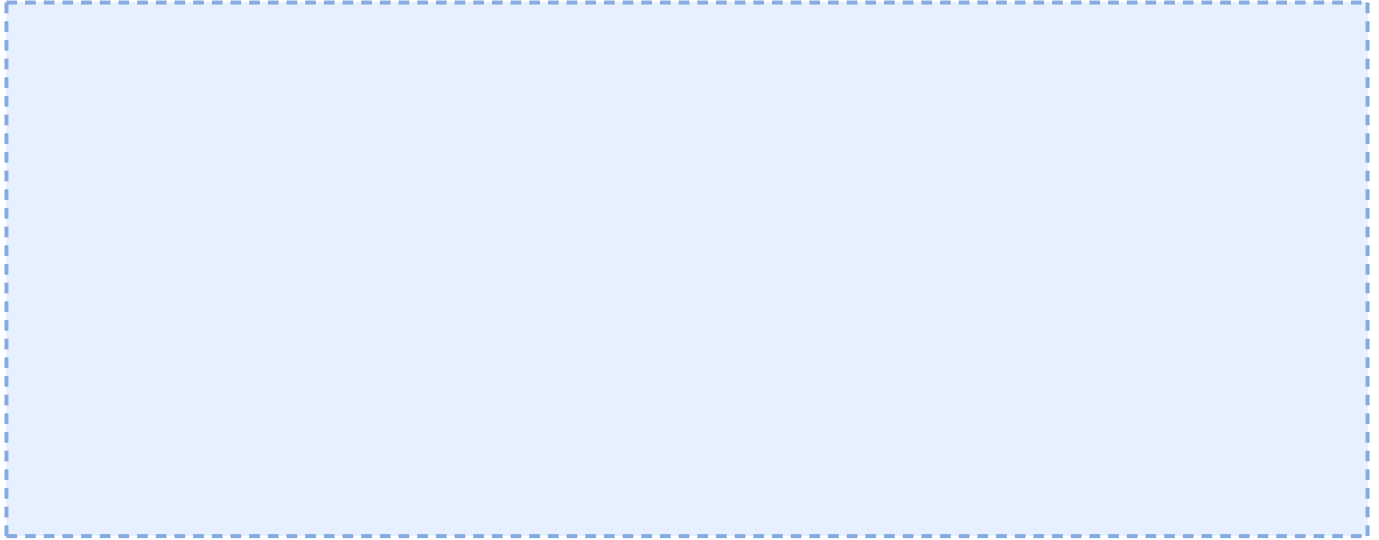
Cover	My prediction	After 10 min	After 20 min	After 30 min	After 40 min
Cloth					
Foil					
Plastic bag					
No cover					

Think about it

How did you make your test fair?

What would you test next?

Draw or stick your work here



Name: _____ Date: _____

Jobspark · Ask a grown-up to help whenever you need.