Adult guide

The winter route challenge

5–8 years · 20 min

Plan a route via the star. Test the instructions one step at a time.

Getting ready

1 sheet per pair. All you need is a pencil.

Step by step

4 min Find the start, star and finish. Hatched squares are closed.

9 min Trace a route with your finger. Each step moves one square up, down, left or right.

7 min Write the arrows. A partner follows them exactly to test the route.

At home

The child gives directions while the adult moves a button or a finger. Find the first wrong arrow if you go off course.

In a group

One partner plans and the other tests. Compare the lengths of two successful routes.

Answers and discussion

One shortest route is ↑ ↑ → → → → ↑ ↑. You reach the star after four steps. Eight steps work because four moves up and four right are needed.