

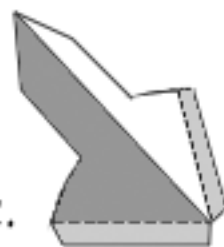
# ④ Sundial

1. Cut out the dial plate and the gnomon.

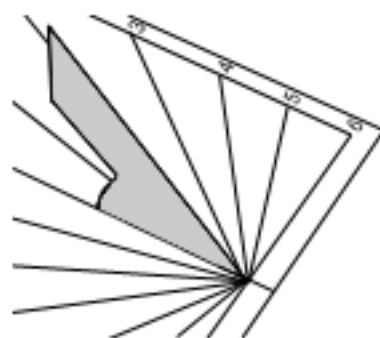
2. Cut a slit into the dial plate along the dotted line.



3. Use closed scissors and a ruler to score along the dotted lines on the gnomon. Fold along the lines as shown.



4. Slide the folded gnomon into the slit in the dial plate as shown. Stick the gnomon flaps to the bottom of the dial plate using glue or sellotape.



5. To make the dial plate firmer, stick it onto a piece of cardboard.

## **How to use your sundial**

Once you have made your sundial, you will need to take it to a sunny place to use it.

To work properly, the sundial needs to be placed on a flat surface and turned until the 12 o'clock mark is aligned in a north-south direction.

Although magnetic north and true north are in slightly different directions, a compass is still a good way of aligning your model sundial.