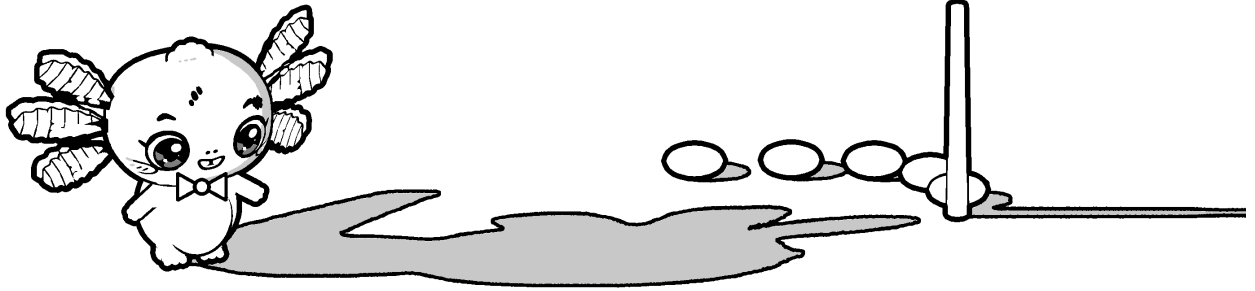
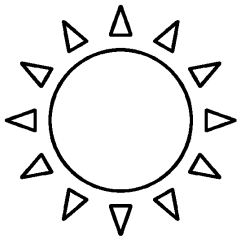


Colour Tiko and her shadow!

A shadow is always on the other side from the sun. Colour the shadow dark!



My name: _____

Shadow detective

Can you work it out like Tiko and her friends?

1. Colour each shadow black, then draw a line to its name.



- bird
- heart
- cloud
- fox
- bunny

2. The sun is on the left. Draw the stick's shadow on the ground.



3. Circle the right word.

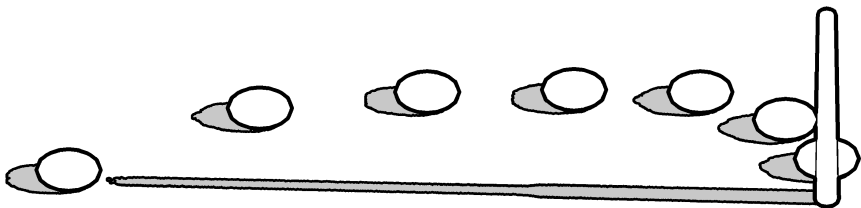
- ☐ Morning, the sun is low: the shadow is **LONG / SHORT**
- ☐ Midday, the sun is high: the shadow is **LONG / SHORT**

Make a sun clock

Do it on a sunny day, with a grown-up.

Steps

- ☐ With a grown-up, push a stick into the ground in a sunny spot.
- ☐ Put a pebble at the end of the stick's shadow.
- ☐ Every hour, put a new pebble at the end of the shadow.
- ☐ Look! Is the shadow long, short, then long again?



Time Tick when you put a pebble

9:00	
10:00	
11:00	
12:00	
1:00	
2:00	

Safety: never look straight at the sun. A grown-up pushes the stick in.

Axolandia

Shadow Scientist!

This award goes to

for finding out how shadows work!

colour your sun badge

Signed by a grown-up: _____ Date: _____