



Activity 3

HOW CAN THE SUN TELL THE TIME?



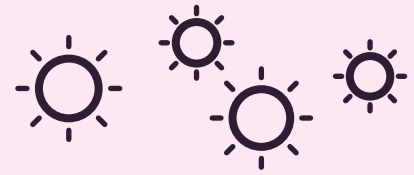
So we've looked at the night sky, but what can we see in the sky during the day?

Well, the most obvious thing is the sun isn't it. It's not good for our eyesight to look directly at the sun but it is still interesting to find out a bit more about it.

In ancient times, people used the sun to tell them when to plant and harvest crops. People even used the sun to tell the time!

DID YOU KNOW?

The stars we see in the night sky are suns, just like our own, except they are really far away.



YOUR CHALLENGE

1 RESEARCH

Find out how people told the time before we had clocks.



2 BUILD

Create your own sun dial to tell the time using only the sun's shadow.

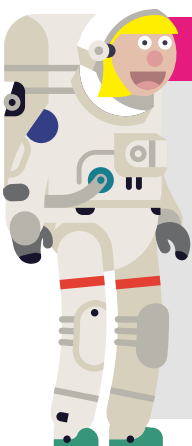


3 EXPLORE

Use your sun dial to tell the time!



DON'T FORGET TO TAKE PICTURES!



EMILY'S TOP TIPS

In your research, you could look at some of the ancient landmarks built by people to track the sun and seasons.

Don't have a protractor? You can find one here: www.ginifab.com/feeds/angle_measurement/.

