

practical activities

How do we get day and night?

To do this we will need:

Two people

Try this:

Imagine one person is the Sun - they stand still . The other person is the Earth - they stand about two arm lengths away.

On which side of the Earth is it daytime?



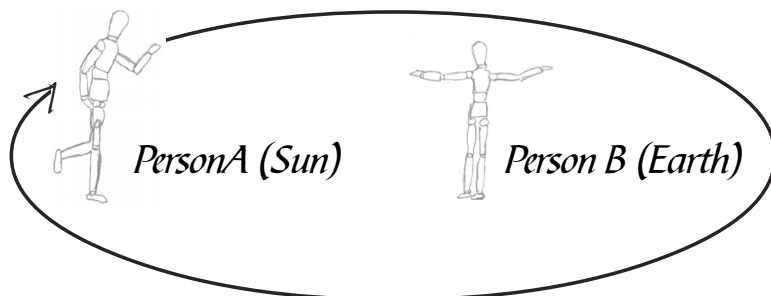
Person A (Sun)



Person B (Earth)

For day and night to happen, one or other or both must move. But how?

What if the Sun travels around the Earth? Get the person being the Sun to walk around the Earth. Would this give us day and night?



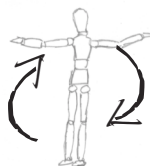
Could we still get day and night if the Sun was still and the Earth travelled around it?

What happens if the person being the Earth spins slowly?

How long does it take for the Earth to spin once?



Person A (Sun)



Person B (Earth)