

practical activities

Why are days longer in the summer?

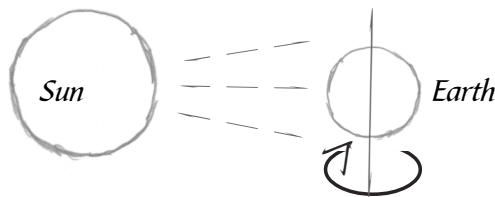
To do this we will need:

Earth model on stick

Sun model on stick

Try this:

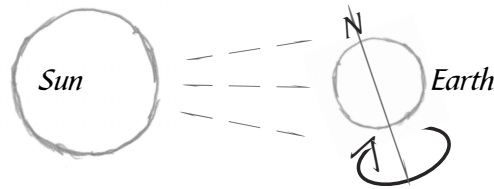
Imagine the sun shining on the Earth. Spin the Earth model slowly.



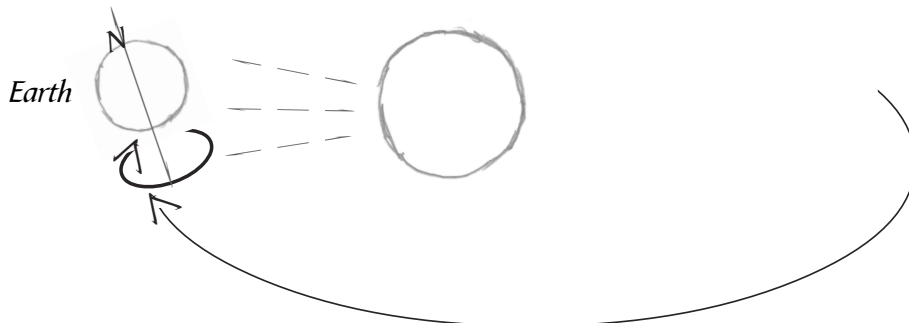
Does one bit of the Earth get more light from the Sun than another?

Which bit gets most light?

What happens if the North Pole is always tilted towards the Sun as the Earth travels around it?



What happens if the North Pole tilts away from the Sun sometimes? Which bit of the Earth gets most light now?



Could this be why it is hotter in the summer?