



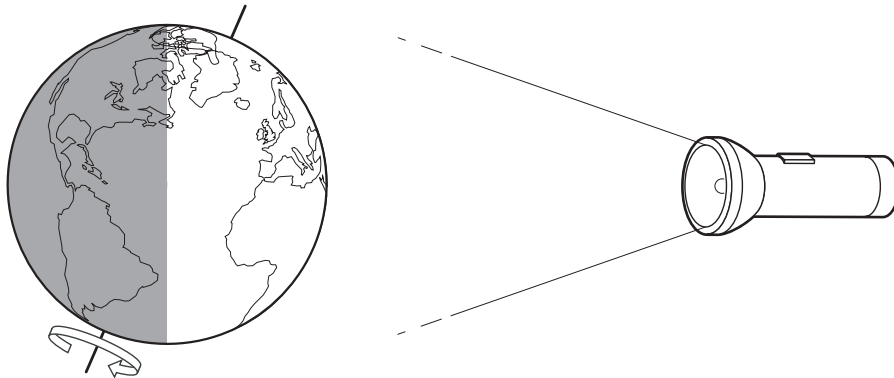
Name: Form:

Based on pages 6 and 7 of *Earth and beyond*

The spinning Earth

Try this...

1. Find Britain on a globe.
2. Put a piece of Plasticine on it and stick a piece of plastic straw in the Plasticine so that Britain is easy to see.
3. Make similar markers for Japan, the centre of the United States and the centre of Australia.
4. Set up the globe with a torch, as in the diagram, and make the room dark. The torch represents the Sun.



5. Turn the globe anticlockwise, as the arrow shows, until Britain is directly facing the Sun. This shows the position of Britain at midday. Look at the parts of the Earth in the sunlight. Name three countries which have midday at the same time as Britain.

1 2 3

6. Look at the three other countries with markers and write down whether they are in the light or dark.

Australia Japan USA

7. Turn the globe anticlockwise until it is midday again in Britain. In what order did the other countries with markers come into the light?

1st 2nd 3rd

8. When it is midday in the USA, is it daylight in

(a) Brazil? (b) India?