

Monday 25th January

### Learning Objective

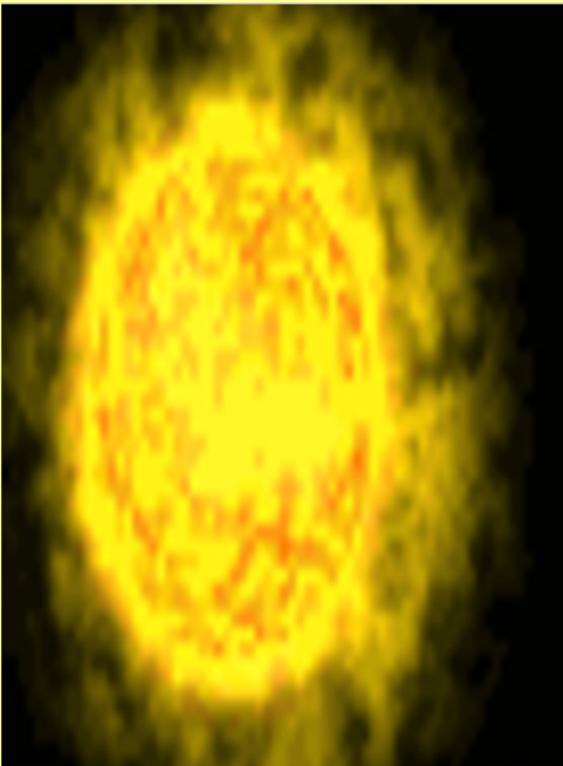
Today we are learning about day and night and the apparent movement of the Sun in the sky.

### Success Criteria

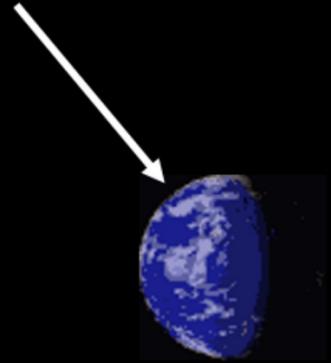
I will be successful if:

- I can explain how day and night is due to the rotation of the Earth.
- I can carry out a practical activity to show that the Sun does not move.
- I can write an explanation text which includes key vocabulary and a labelled diagram.

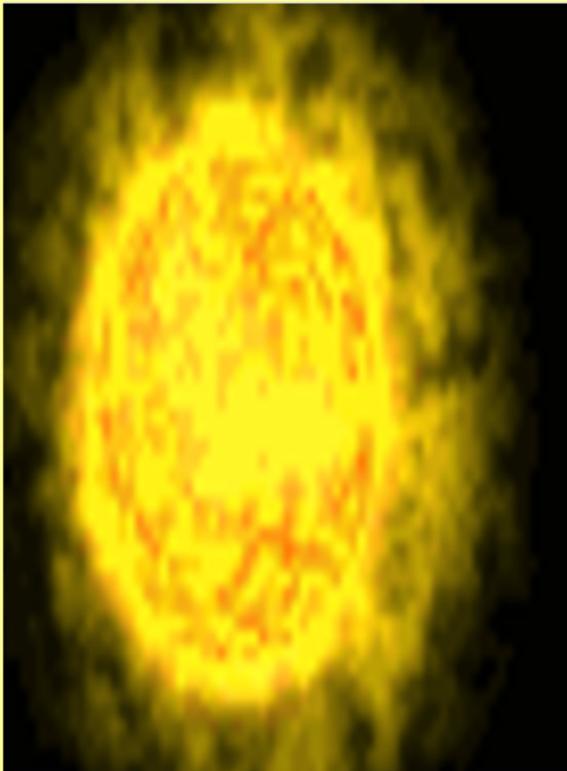




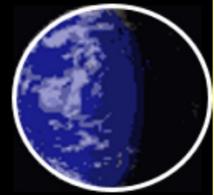
**This is a picture of the planet Earth in space.**



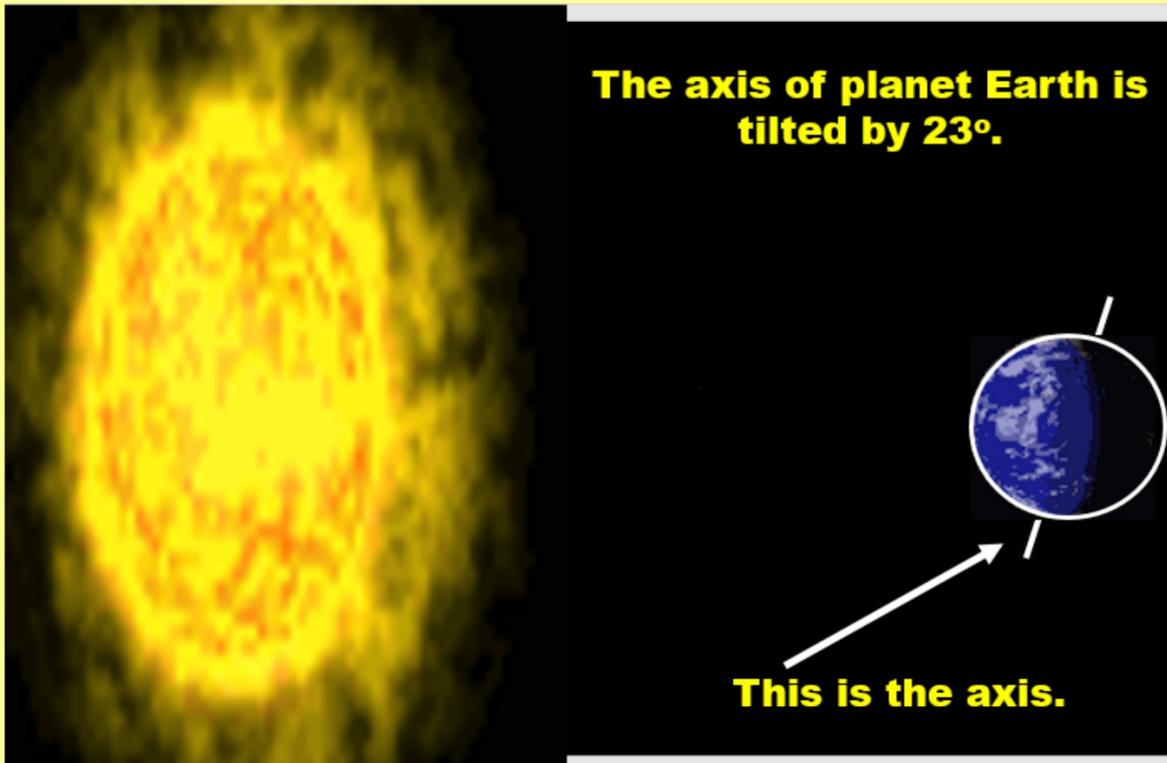
**It is the third planet from the Sun.**

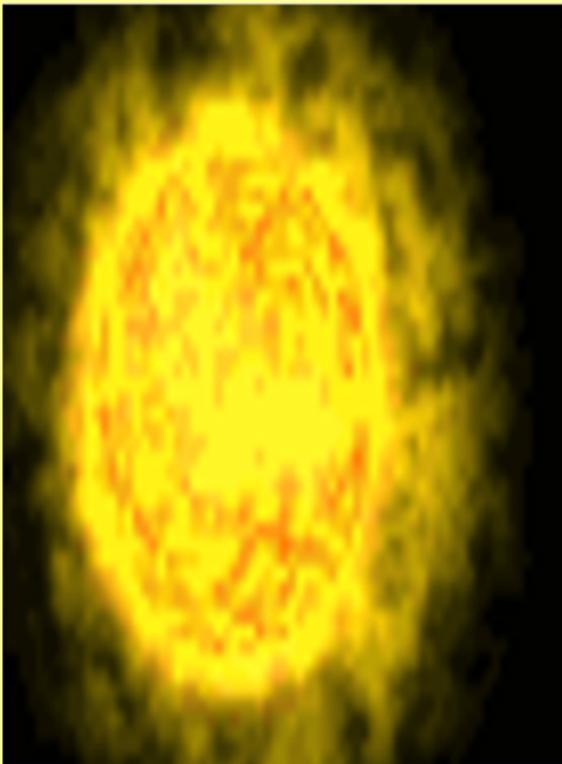


**The Earth is really a sphere.**

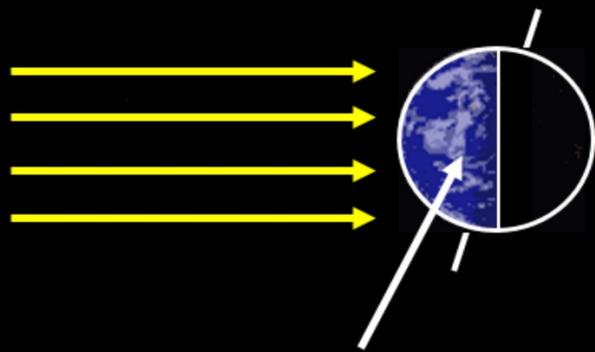


**The Earth is spinning around a line called the axis.**

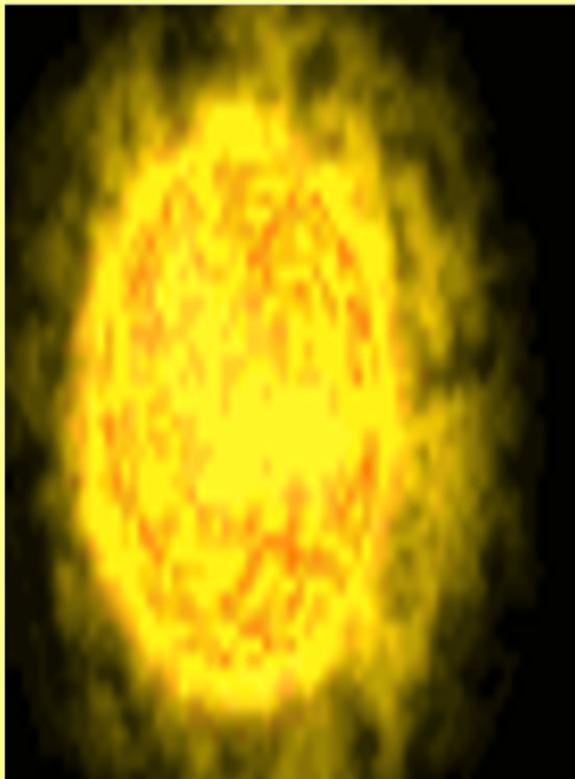




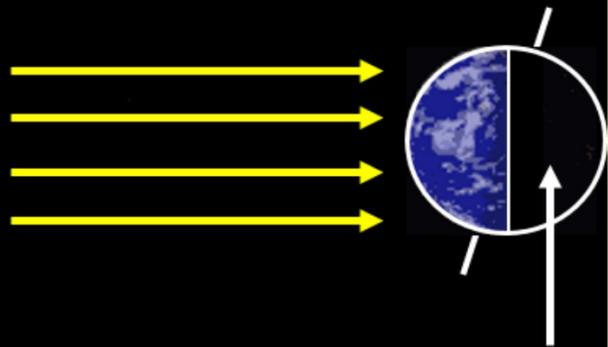
**Only half of the planet can be facing the Sun at any point in time.**



**The side facing the Sun is in daytime**



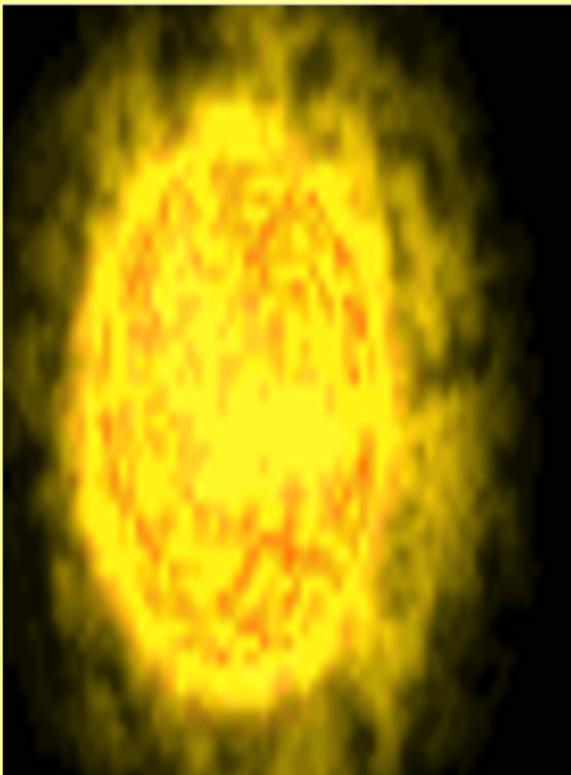
**Only half of the planet can be facing the Sun at any point in time.**



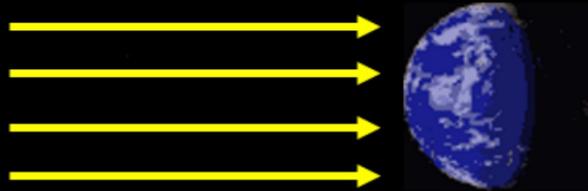
**The side not facing the Sun is in night.**

**It takes 24 hours for the Earth to do one turn on it's own axis.**





**During this time a place  
will go through both light  
and dark.**



**We have both light and  
dark every 24 hours.**

Now watch these clips to further explain how night and day occur. Type the following into Google:

BBC Bitesize KS2 day and night

BBC Bitesize KS2 How do we get day and night?

Now try this practical activity! Imagine this is the sun below and follow the instructions on the attached sheet...



## How do night and day occur?

Write an explanation text to explain how day and night occurs. Follow the instructions on the attached instructions sheet and make sure you use the key vocabulary from the word mat.

### How do Night and Day Occur?

#### Introduction

-Introduce your explanation text and say what you will be explaining. Include some interesting information/comments of your own to engage the reader. This should be 2-3 sentences long.

#### Main Section

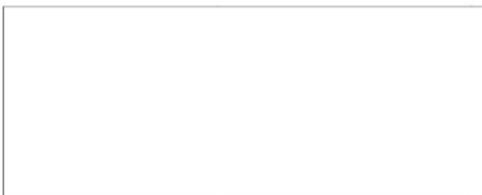
-Clearly explain how night and day occurs in one good-sized paragraph.

-Include lots of detail and use the connectives/adverbials on the word mat (e.g. time connective such as 'Firstly' and causal connectives such as 'this means')

-Draw a diagram to show how day and night occur. Make sure to label the different objects, use arrows and include colour if possible. There is a picture box below if you need one.

#### Conclusion

-Finish your explanation text with a closing statement. This should be 2-3 sentences.



#### **Night and Day Key Vocabulary**

first

then

next

after that

after a while

meanwhile

during

finally

at last

slowly

gradually

eventually

because / due to

so as this means

but although

however

day

night

Sun

Earth

rotate

axis

shadow

light

heat

day

morning

noon

afternoon

evening

night

midnight

Manchester ●



As the Earth spins on its axis, light from the Sun falls on different parts of the Earth causing day and night.

Next >

The Sun