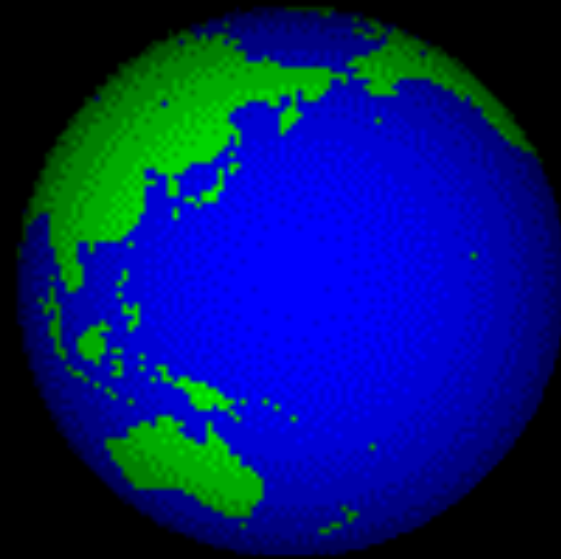
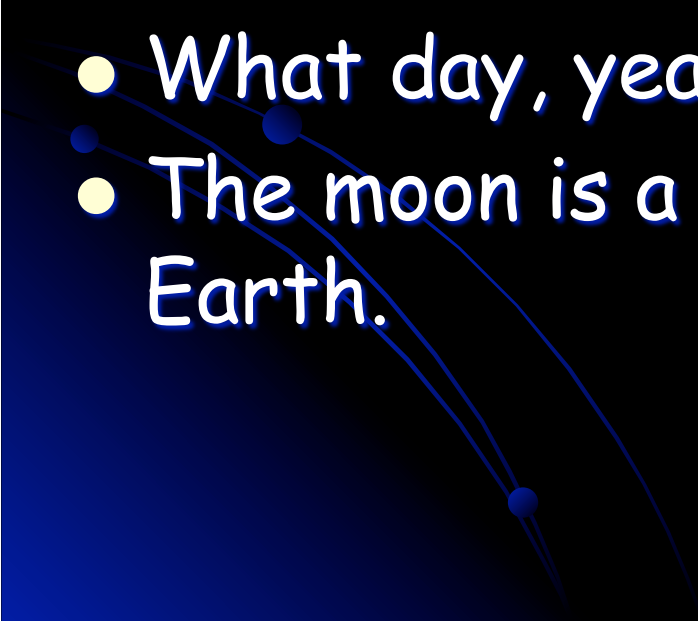


The Solar System and Beyond



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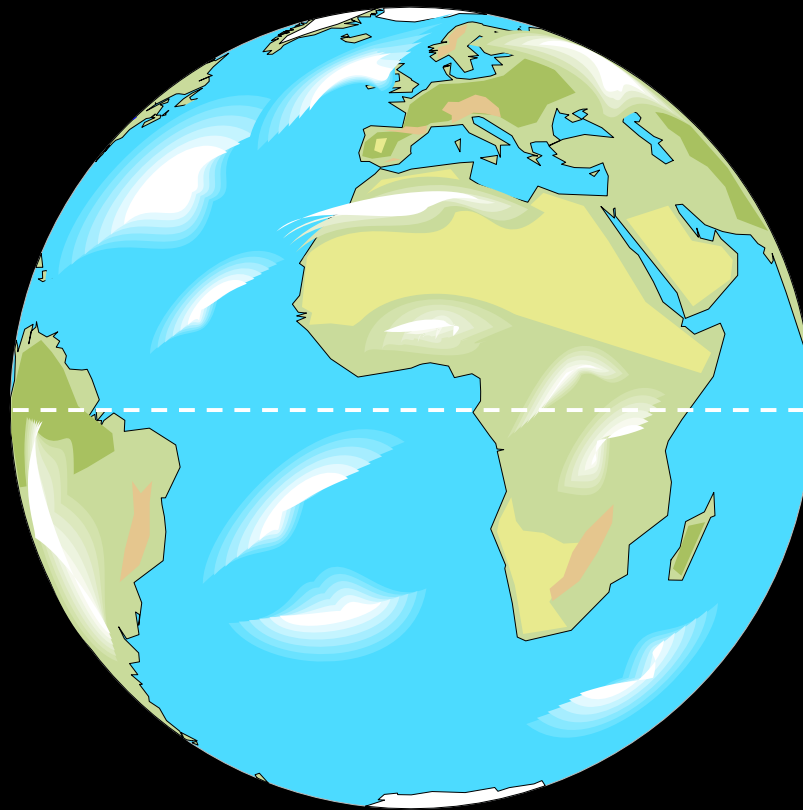
You should know.....

- The Earth gets heat and light from the Sun.
 - The Earth spins on its axis.
 - The Earth orbits around the Sun.
 - What day, year and leap year mean.
 - The moon is a natural satellite of the Earth.
- 

The Earth is divided up into the northern hemisphere and the southern hemisphere:

Northern
hemisphere

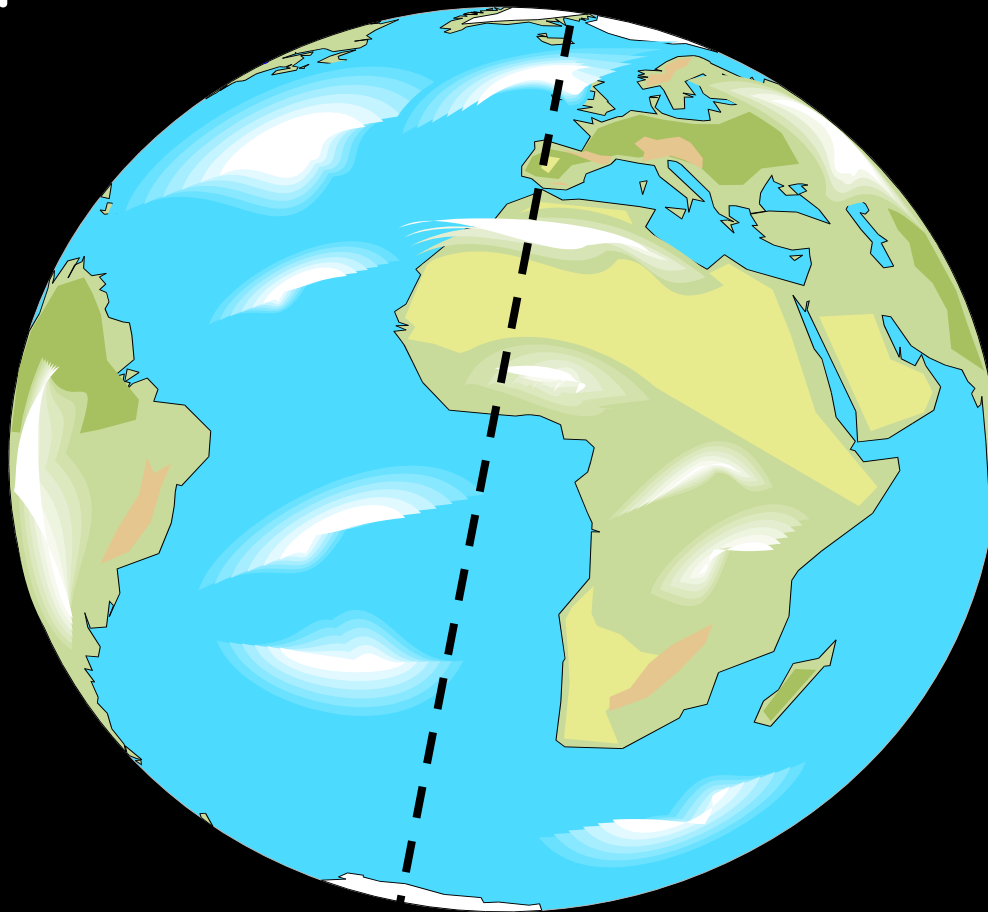
Southern
hemisphere



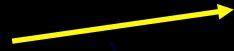
Equator

The Earth is tilted on an axis

North pole

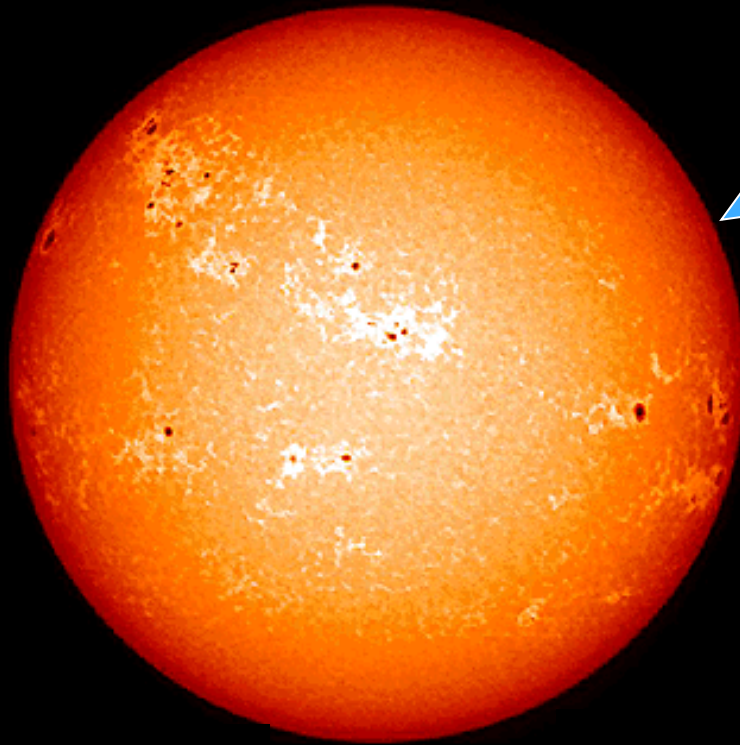


South pole

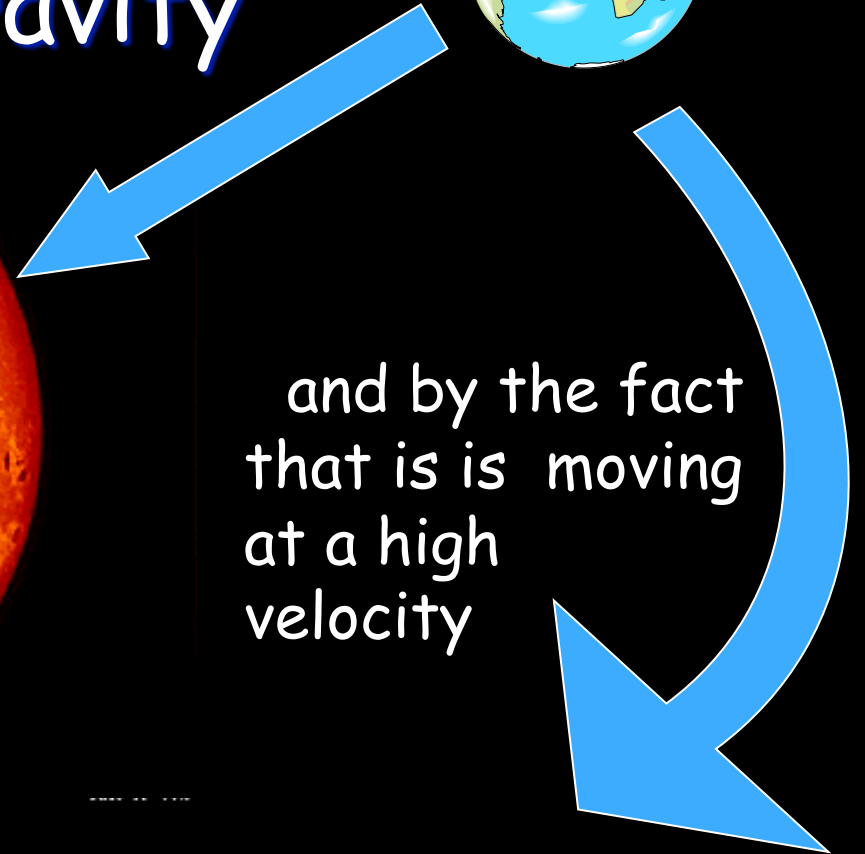


The Earth is kept in orbit by the force of...

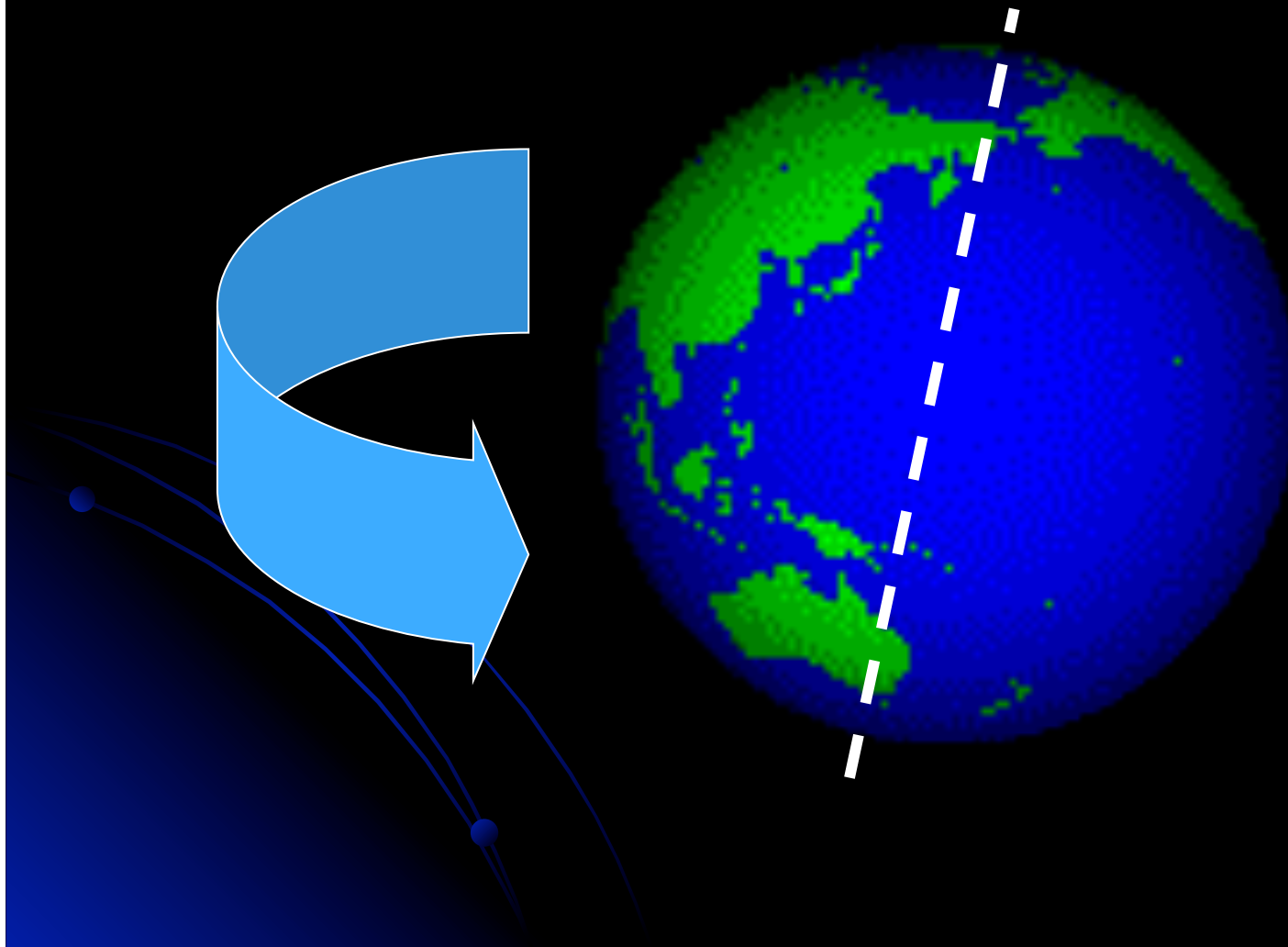
Gravity



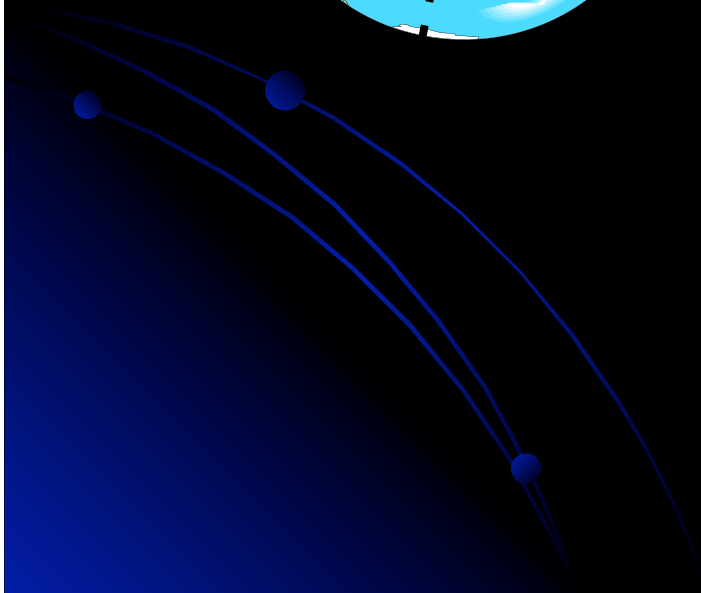
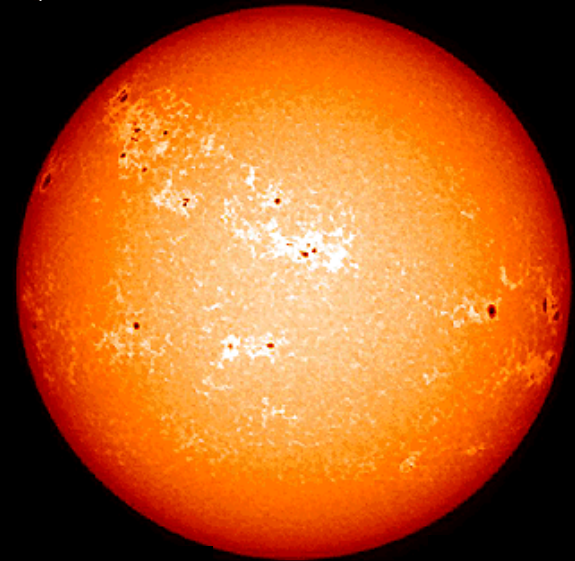
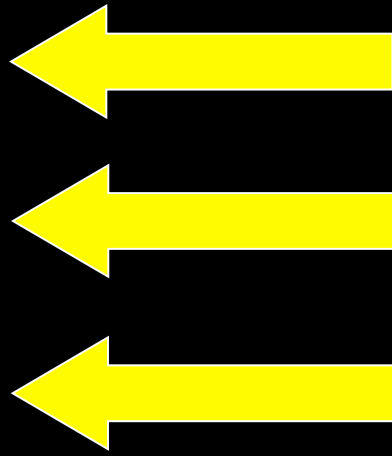
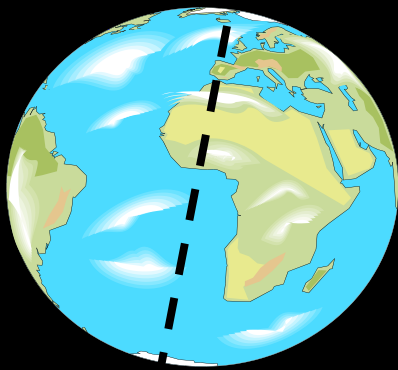
and by the fact
that it is moving
at a high
velocity



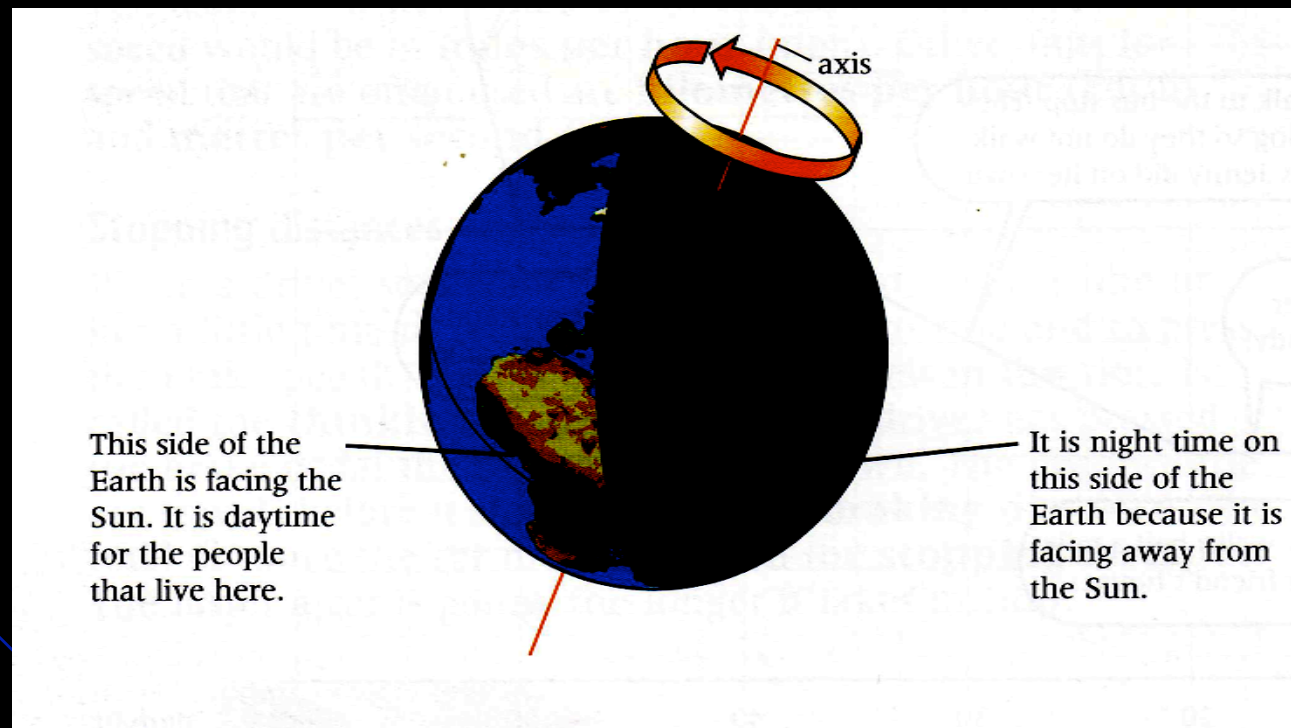
The Earth spins on its axis every ____ (____ hours)



While the Earth is spinning the side that faces the sun is in _____



Day and night



This side of the
Earth is facing
away from the
Sun.

It is night time for
people that live
here.



This side of the
Earth is facing
the Sun.

It is daytime for
the people that
live here.

This side of the Earth is facing away from the Sun.

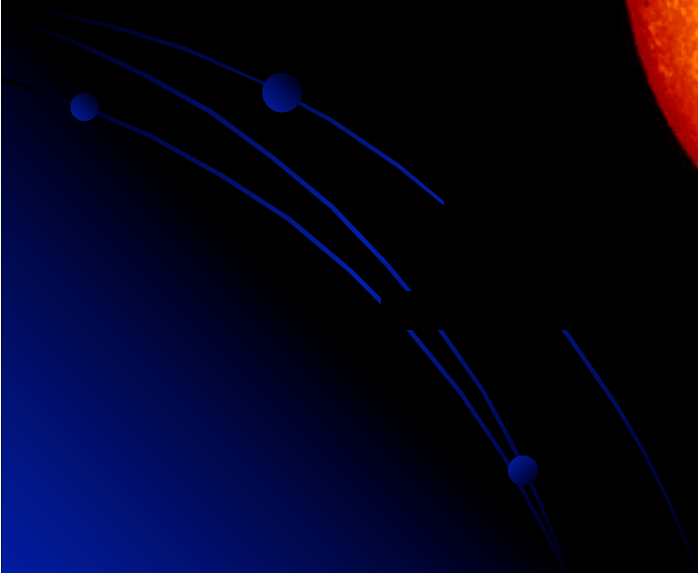
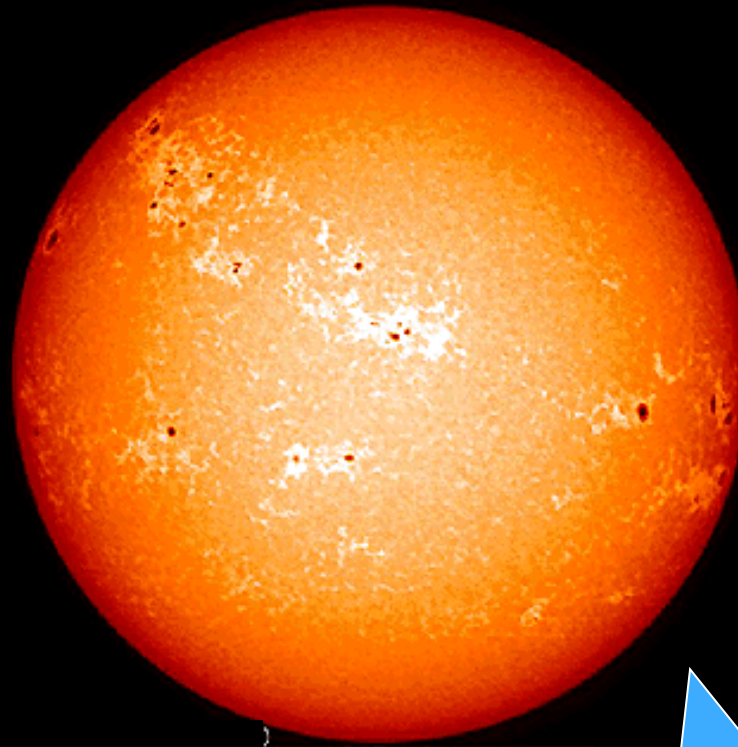
It is night time for people that live here.



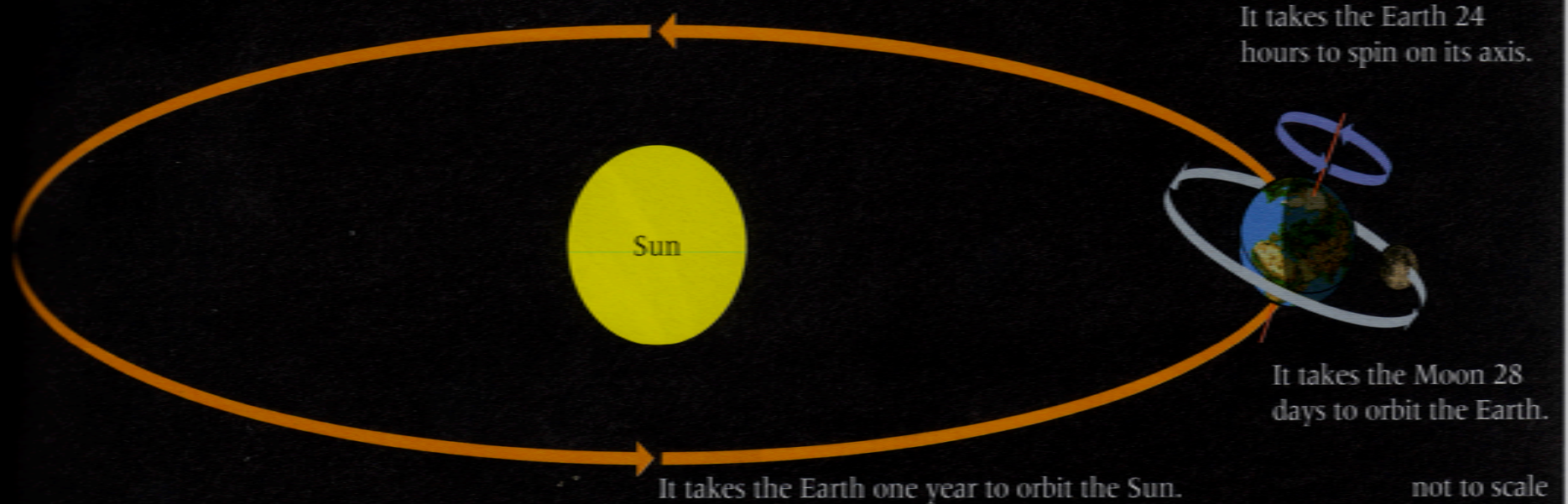
This side of the Earth is facing the Sun.

It is daytime for the people that live here.

The Earth orbits the sun every...
...year (365 $\frac{1}{4}$ days)



The Earth orbits the Sun



12 noon

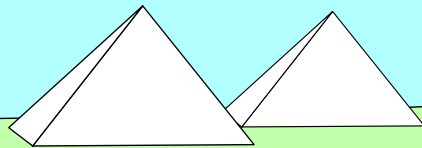


Because of this spin the sun rises in the _____ and sets in the _____

9 am



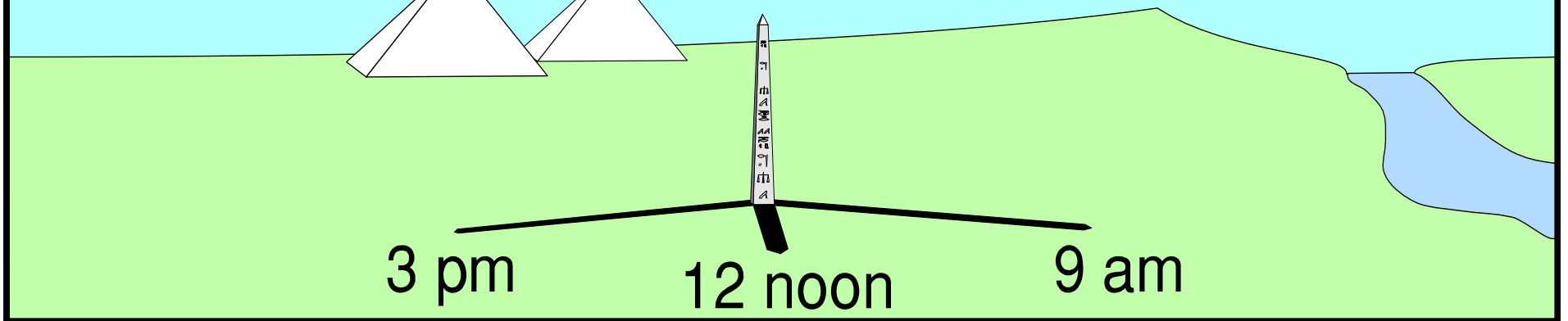
3 pm



3 pm

12 noon

9 am



*Gravity also keeps the moon in orbit around the Earth. The moon orbits the Earth every...
...days month (28)*

