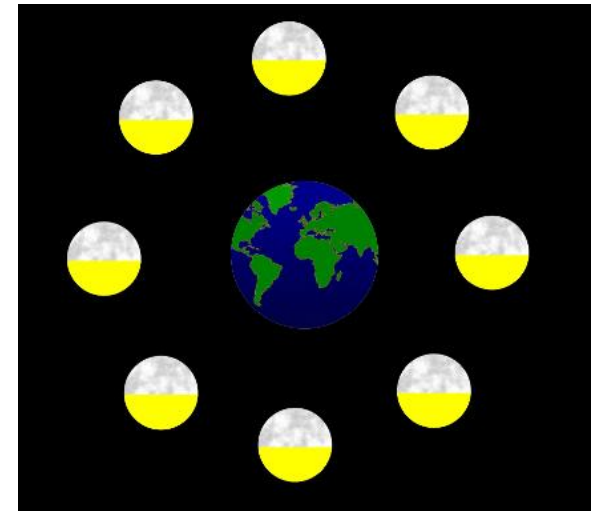


Unit 5E: Earth, Sun and Moon



Learnanywhere



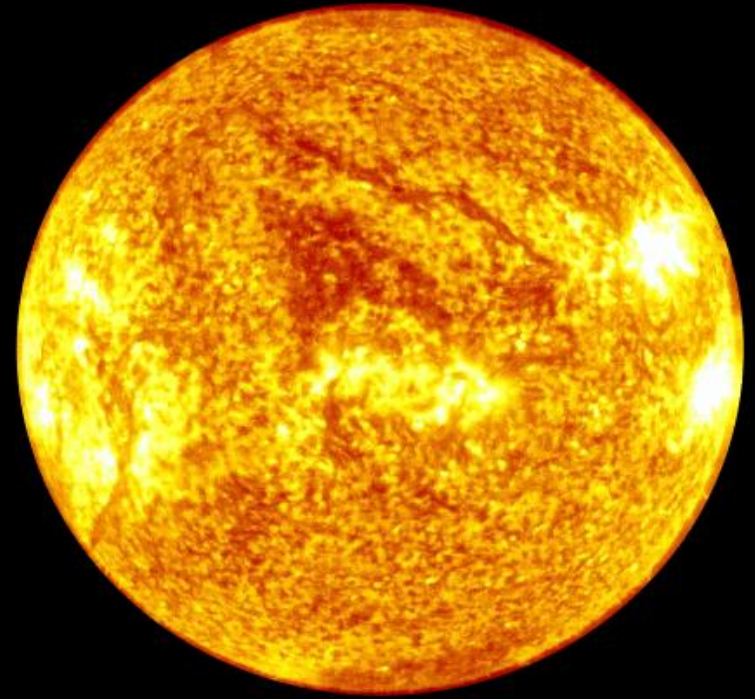
“Use diagrams and text to show what the Sun, the Earth and the Moon would look like to a person standing on Mars.”

Earth	Our home planet	Axis	A fixed point which an object spins round
Moon	The Earth's satellite	Sunrise	The time of day when the sun "comes up"
Sphere	A round object, like a ball	Sunset	The time of day when the sun "goes down"
Revolve	To go around a point	North	A point on the compass
Orbit	To travel around another body	South	A point on the compass
Spin	To go around a point	East	A point on the compass
Rotate	To turn on an axis/centre, like a playground roundabout	West	A point on the compass

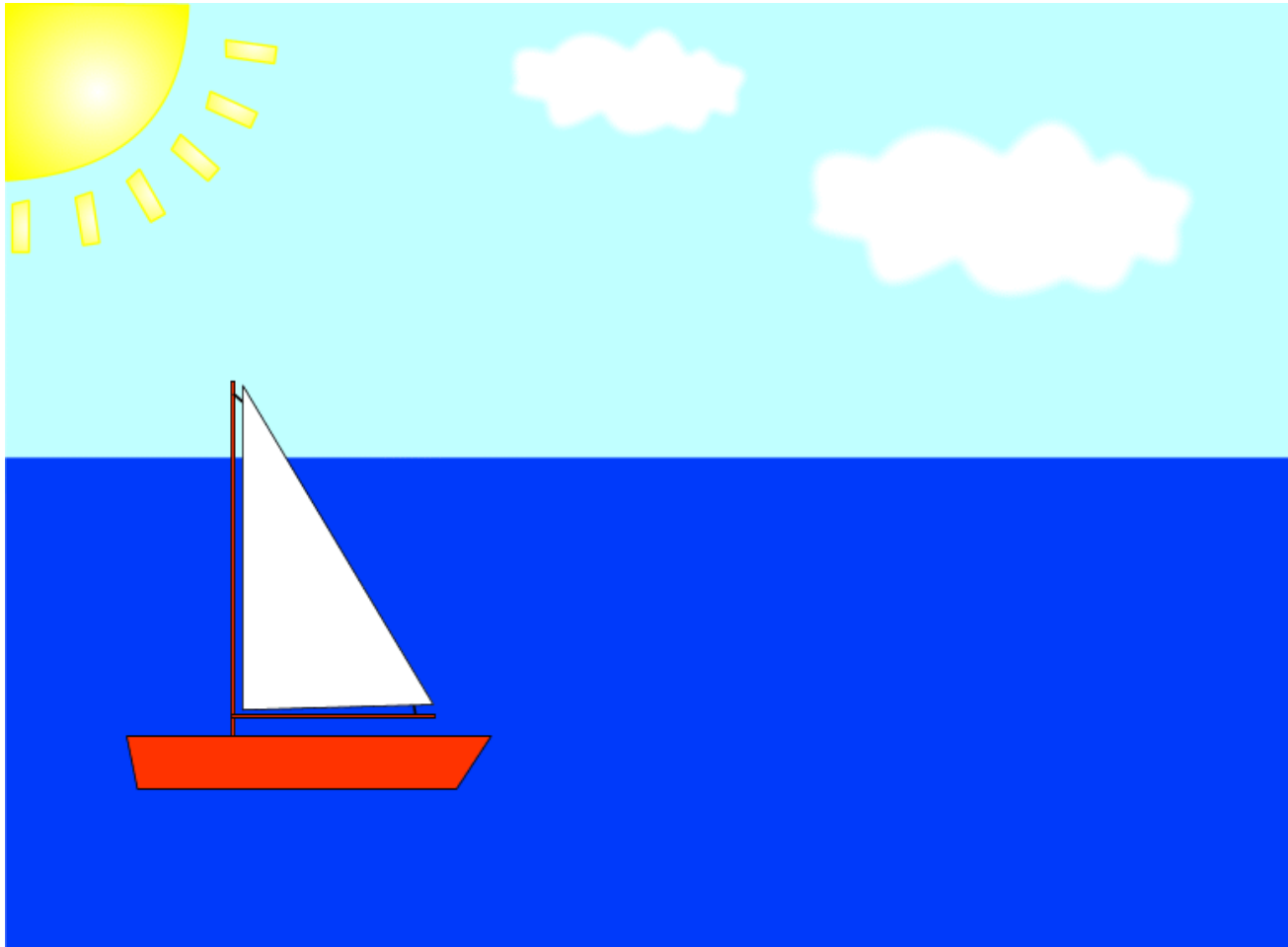


The Earth

The Moon



The Sun



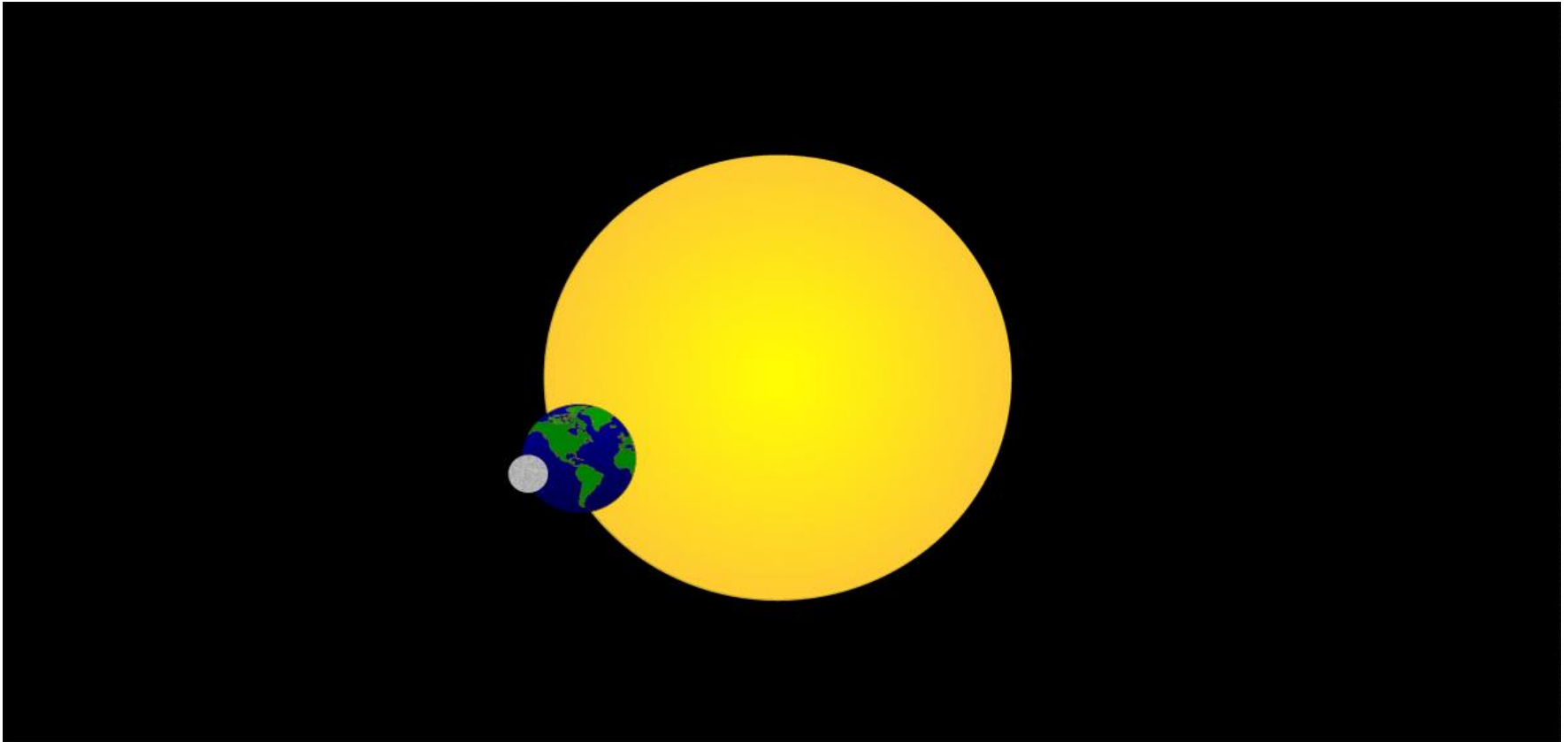
Moon

Earth

The sun is about 110 times bigger than the Earth!

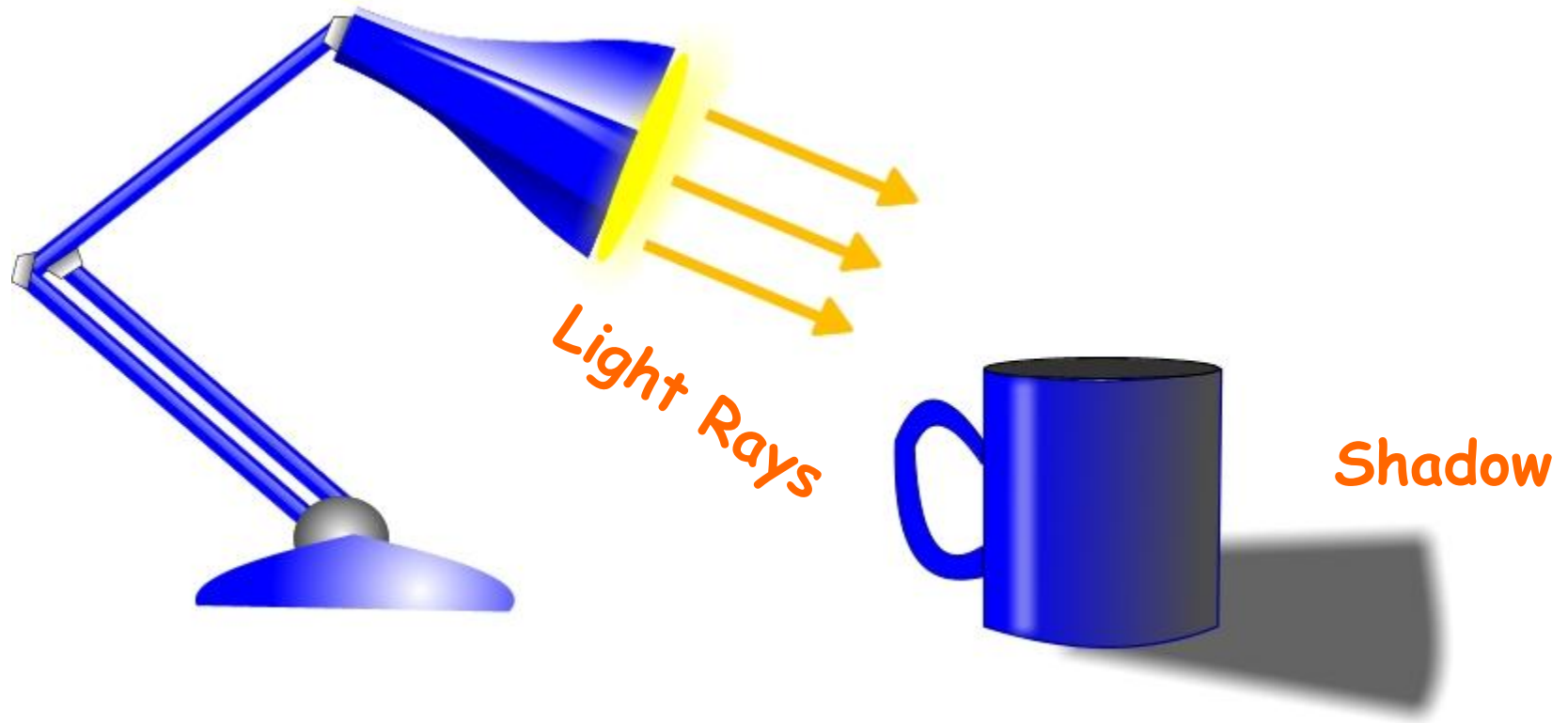
Sun

The moon is about $\frac{1}{4}$ the size of the Earth.



The moon orbits the Earth

The Earth orbits the sun

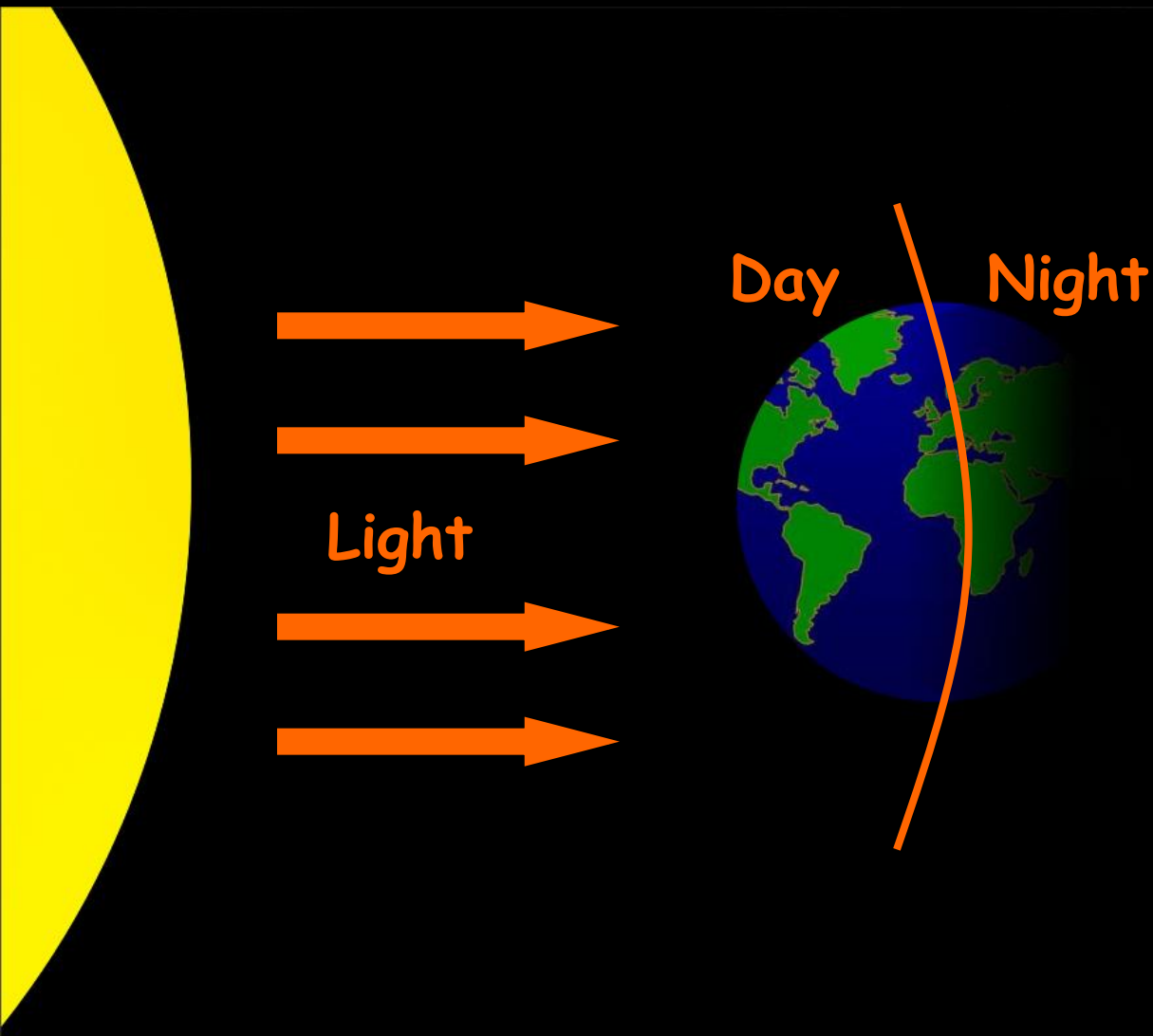


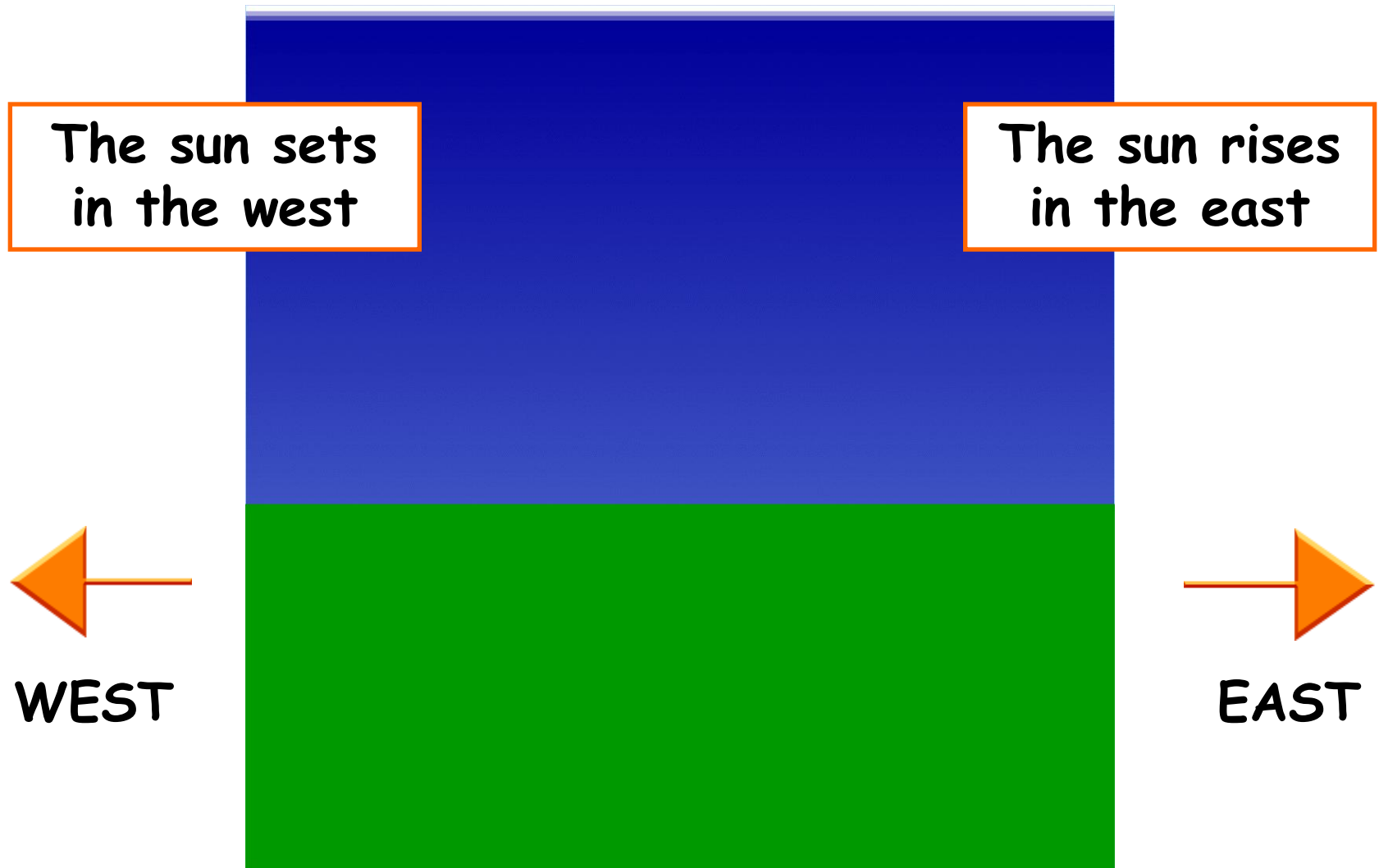
The sun sets
in the evening

The sun rises
in the morning

It is at its
highest at
midday

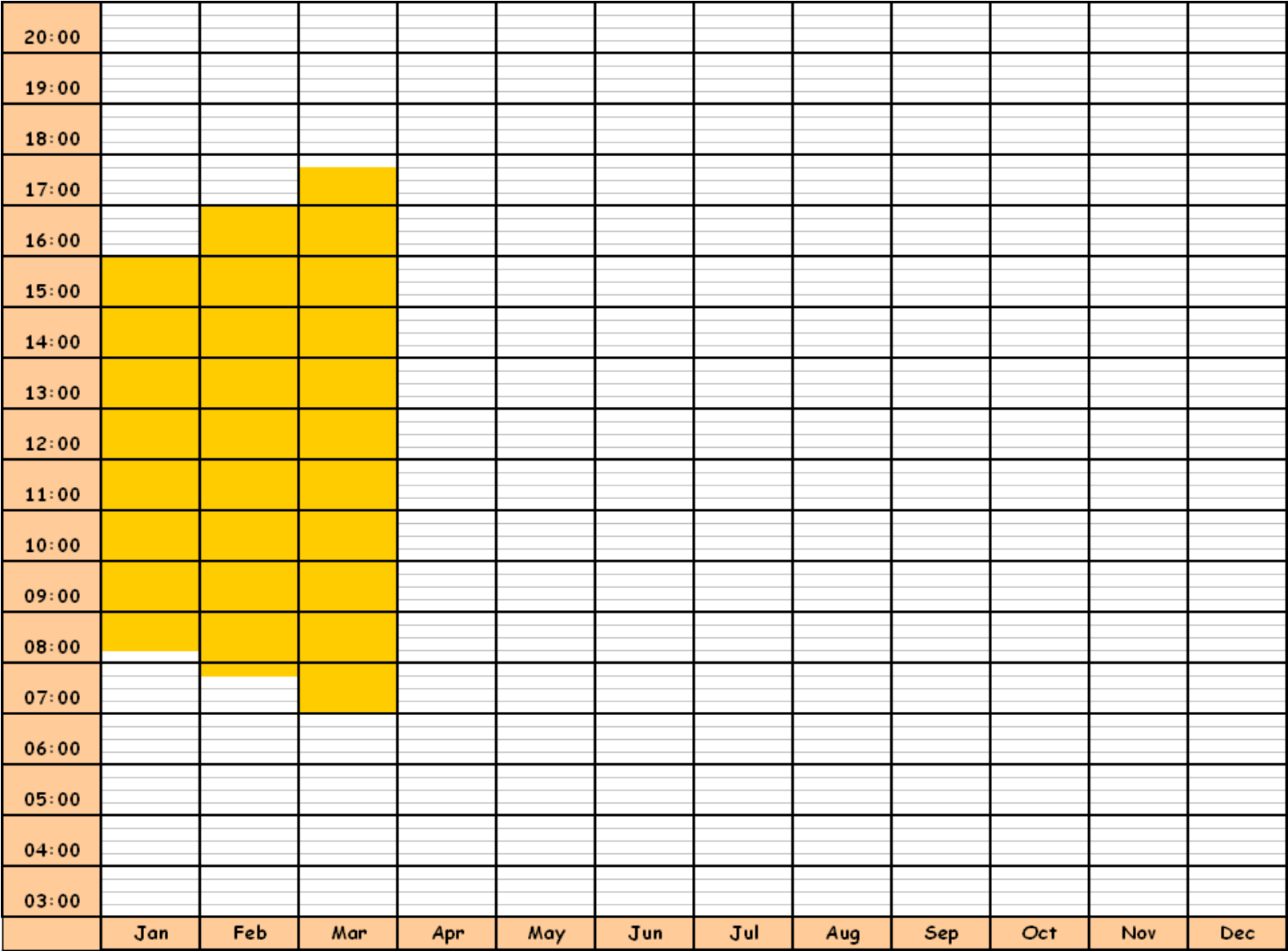


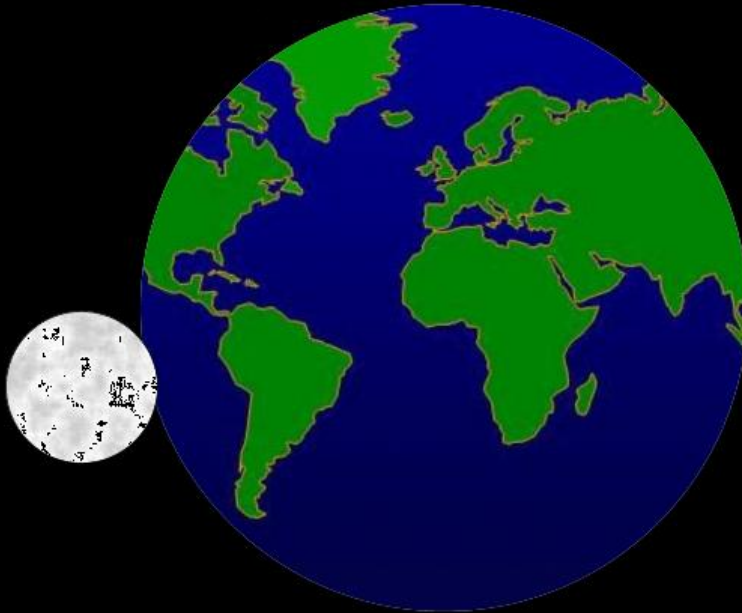




Date	Sunrise	Sunset
1 st January	08:15	16:00
1 st February	07:45	17:00
1 st March	07:00	17:45
1 st April	05:45	18:45
1 st May	04:30	19:30
1 st June	04:00	20:15
1 st July	03:45	20:30
1 st August	04:30	20:00
1 st September	05:15	19:00
1 st October	06:15	17:45
1 st November	07:00	16:45
1 st December	08:00	16:00

“Use the data in the table to plot a bar chart showing sunrise and sunset times. See the example if you are unsure how to present your work.”



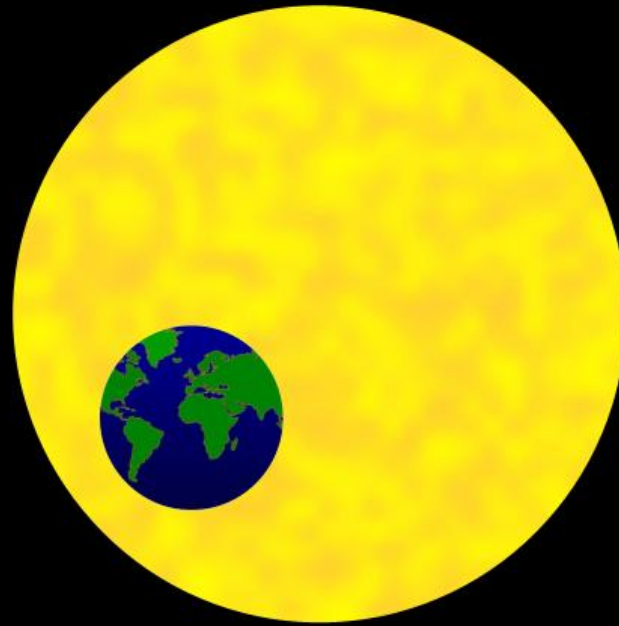


days
1

The moon orbits the Earth

It takes 28 days to orbit the Earth once

Jan



The Earth orbits the sun

It takes 1 year to orbit the sun once

These pictures show where the sunlight hits the moon

These pictures show how the moon would look from the earth

