

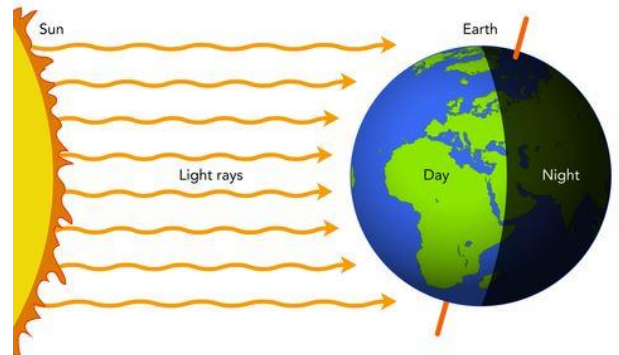


# SPACE

We have been doing lots of work on long term memory. To assist your child with this, please use these Key Instant Recall Facts (KIRFs) to quiz each other (perfect for a ferry trip).

## Science

- Order of the planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
- Pluto is not a planet. It is a dwarf planet
- The Earth orbits the Sun. The Moon orbits Earth
- The Sun doesn't move
- The Earth spins on its axis, when it is facing the sun it is daytime, when it is in shadow it is night time
- Earth is tilted on its axis at 23.5 degrees
- The sun, Earth and moon are spherical
- The phases of the moon: waxing crescent, first quarter, waxing gibbous, full moon, waning gibbous, last quarter, waning crescent, new moon
- Waxing means getting bigger
- Waning means getting smaller



## History

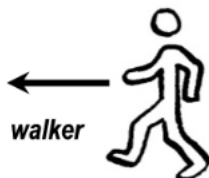
- Apollo 11 Moon landing was in 1969
- Apollo 11 astronauts: Neil Armstrong, Buzz Aldrin, Michael Collins
- Neil Armstrong famously said, "One small step for man, one giant leap for mankind."
- Mae C. Jemison was the first female astronaut in space
- After the Cold War, the Space Race became another way for the USA and the Soviet Union to compete against each other. The end goal of the Race was to land on the Moon.

## DT

- Motion means movement
- Cams turns rotational motion into oscillating motion
- Types of motion:

### **Linear motion**

The walker goes along in a straight line.



### **Reciprocating motion**

The weightlifter lifts the weights up and lowers them. He does work in both directions.



### **Rotary motion**

A person cartwheeling



### **Oscillating motion**

The footballer's leg swings back and forth. Only the first half of the action performs work.



## Art

- Vincent van Gogh was one of the artists that led the post-impressionist movement
- Post-impressionism is abstract art (art that doesn't look like the real thing)
- The Starry Night is an oil-on-canvas painting by the Dutch Post-Impressionist painter Vincent van Gogh

