



Knowledge Organiser - War of the Worlds - Class 4



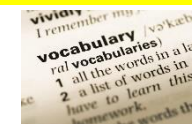
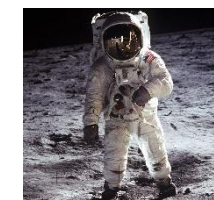
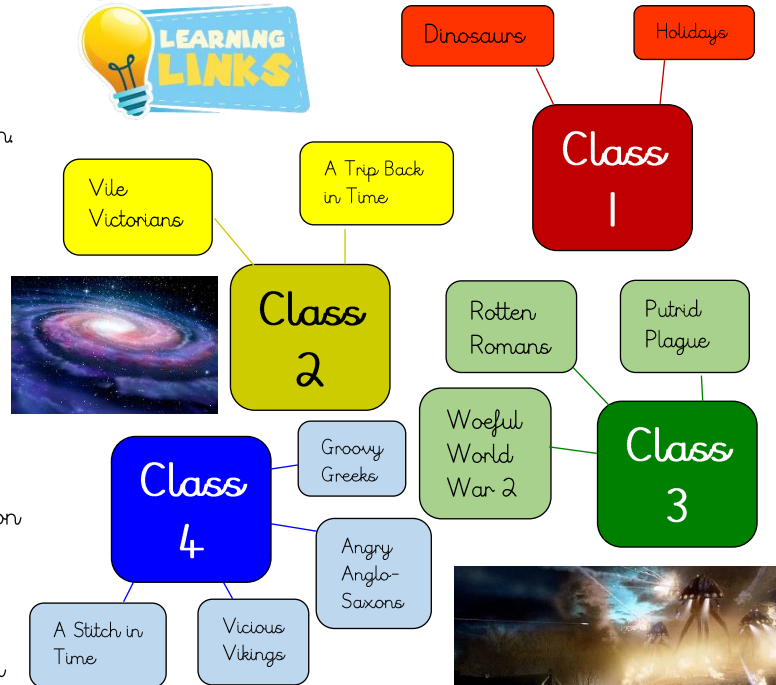
BIG Idea



For years, Scientists have tried to prove the existence of life beyond our planet (extra-terrestrials), sending numerous probes, satellites and rockets to other planets, most recently, to Mars. But, is there actually life on other planets? Is there more to our Universe than we know? Or is it another myth like the Loch Ness Monster and Bigfoot, or the Abominable Snowman?

Sticky Knowledge

- ✓ There are 8 planets in our solar system- Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
- ✓ Pluto is no longer a planet, it has been declassified to a dwarf planet (2006).
- ✓ Our galaxy is called The Milky Way.
- ✓ A Lightyear is a measurement of distance.
- ✓ The closest star to our planet is The Sun.
- ✓ About 1 million (1,000,000) Earths could fit inside the Sun.
- ✓ The planets orbit around the sun in an elliptical pattern.
- ✓ It takes 24 hours for the Earth to rotate once.
- ✓ It takes 365 days for the Earth to orbit the sun once.
- ✓ American Astronauts landed on the moon in 1969 aboard Apollo 11- Neil Armstrong, Buzz Aldrin and Michael Collins.
- ✓ The Space Race was between America and Russia.
- ✓ The book/novel 'War of the Worlds' was written by H.G. Wells in 1897.
- ✓ John Williams created the theme tune to the movie version of War of the Worlds in 2005.
- ✓ War of the Worlds is a Science Fiction novel.
- ✓ Science Fiction is based on imagined future scientific or technological advances and major social or environmental changes, frequently portraying space or time travel and life on other planets.
- ✓ Galileo Galilei, Nicolaus Copernicus, Edwin Hubble, Edmond Halley, Isaac Newton and Professor Brian Cox are amongst many famous astronomers.



Vocabulary

- H.G. Wells**- author of War of the Worlds
- Fiction**- a story book
- Science Fiction**- imagined future scientific novel based in the future
- The British Empire**- a collection of dominions, colonies, protectorates, mandates and other territories ruled and administered by the United Kingdom
- Soundtrack**- music associated with a film
- Composer**- a person who creates a piece of music
- Orchestra**- a collection of musicians playing a wide variety of instruments
- Martians**- a fictional inhabitant of Mars
- Solar System**- a collection of planets and their moons that orbit the sun
- Galaxy**- a system of millions or billions of stars, together with gas and dust, held together by gravitational attraction
- Planet**- a celestial body moving in an elliptical orbit round a star
- Moon**- the natural satellite of a planet
- Star**- a collection of gases burning brightly enough to be seen from afar
- Axis**- the imaginary line that a body rotates
- Rotate**- to spin or turn around
- Orbit**- to go around an object
- Astronomy**- the study of stars and space
- Astronaut**- a person who is trained to travel into space
- Inventions**- something that is created
- Jeff Wayne**- creator of the musical version of War of the Worlds
- John Williams**- composer of the movie theme tune
- Research**- the investigation of materials and sources to establish facts
- Sundial**- one of the early watches to tell the time by the sun casting a shadow on a pointer towards marked intervals
- Sunrise**- the point at which the sun appears in the morning
- Sunset**- the point at which the sun disappears in the evening
- Time Zones**- a range of longitudes where time is used
- Greenwich Meridian Time (GMT)**- the standard time in Great Britain where time across the world is calculated