

PEMBRIDGE CE PRIMARY SCHOOL LEARNING JOURNEY KEY

Pembridge is a school where we encourage everyone to be inspired through faith in God and to live by Christian values

so

that our teaching and learning is of the highest quality, our whole community flourishes and we reflect all that is worthy of praise.

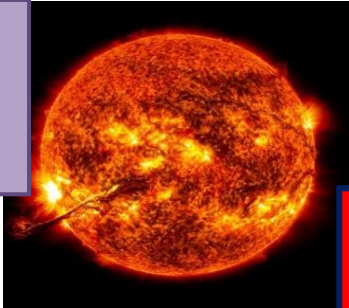
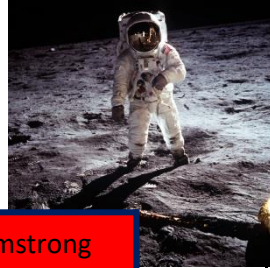
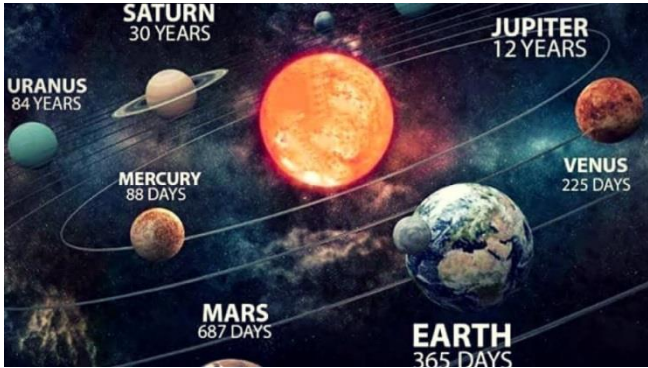
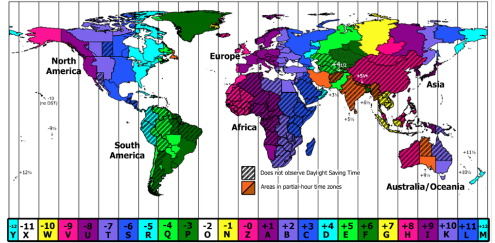
SUBJECT: Science

YEAR: A

TERM: Autumn 1

YEAR GROUPS: 5/6

KEY QUESTION: What is a heliocentric view of the Earth?

Question	Vocabulary to use	Information which will help me	Can I...?
How can we explain why a day on Earth is 24 hours and is there a link with the changing size of shadows in a day?	Axis Copernicus Earth Galileo geocentric heliocentric	The Sun is the Earth's nearest star and the Moon is a satellite of the Earth. Some planets have more than one moon.  Neil Armstrong was the first man on the Moon in July 1969. 	- explain the length of a day and year on Earth and even on other planets - explain the differing length of a shadow through the day - work out times in other parts of the world and the difference - appreciate the size of the SS and find out about eg. Galileo and Copernicus - explain the phases of the Moon and model the relationship between the Earth, Sun and Moon - explain how Earth gets its seasons?
What are time zones; what is the point of them; and how do they work?	lunar moon north, east, south, west orbit	 What does the Moon look like from the Earth? 	
How can we understand our Solar System better by modelling it and how has our knowledge of the Earth's place in it, been shaped over the centuries?	orrery phases of the Moon planets	 How long is a 'year' on the planets of our Solar System?	
Why does the Moon not always look the same from Earth?	revolve rotate shadows	 Different times around the world.	
Why might we expect snow at Christmas in Britain but Australians might eat Christmas lunch on the beach?	Solar System sphere sun sunrise sunset		