

Science

This week we will find out about the moon and why it changes shape.

The moon is a natural satellite of the earth and is a place with no air, no water and no life. It has lots of craters in, many of which can be seen with the naked eye, from where it has been hit by meteors. It is brightly lit in the night sky not because it emits its own light but because it reflects the sun's light. It orbits around the earth every 28 days and as it does so it appears to change shape because of the direction of the sun. Use the internet to research the phases of the moon and record them in a diagram.

Why time? Can you think of some adjectives to describe what you think it would be like to look at the moon from an ISS.

Scientist

This week our Scientist is actually a Space Traveller. His name is Tim Peake. He lived on an Internal Space Station for 6 months. He is a Scout Ambassador and has an inspirational message... 'Dream Big, stay positive and learn as many skills as you can'. Very useful advice for everyone right now. Your task is to research all about this inspirational man. Record it creatively. Show me what you have found out.

There is also a Tim Peake set of challenges with sheets to help you. Have fun and learn new skills!

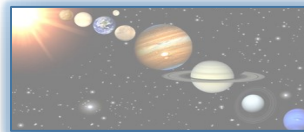


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This week's task is to design and make a junk model of a space craft. First research online different space crafts and decide which you want to base your model on. Draw a plan labelling it with materials you have around your house. Make a list of possible difficulties and how you would overcome them. Think about how you will join the different materials and if there will be any moving parts. Decorate the space craft. Photograph it if you can and show me on Seesaw. Finally review your final product, Did

We Have Lift Off!

27th April 2020



Computing

During space travel scientists have to use robots to complete many tasks. In this activity you will learn to create a sequence of instructions (algorithms) to programme your human robot to move. I have included the instructions and cards you need but your parents can log onto Barefoot computing for free.

https://www.barefootcomputing.org/docs/default-source/at-home/human_robot

Music

Last week I asked you to find out about the composer Gustav Holst. You will have found out he composed the Planets Suite. Listen to Mars online. Does the music make you think of these things?



Key Vocabulary

Use the Vocabulary mat and find 5 words you do not understand. Use the No Nonsense Spelling strategies to learn how to spell them and find out what they mean.

