

Earth and Space Topic Homework (Class Text - George's Secret Key to the Universe) Year 5

	A - Science	B - Maths/English	C - DT/Art/Music	D - History/Geography
2 points	Find out how the phases of the moon affect the tides.	Ask to see a receipt from a shopping trip. Look at the way the prices are written. What do you notice?	Draw or paint a picture of one of the planets.	Make a list of all the astronauts who have landed on the moon. Find out their nationalities.
5 points	Research any myths and legends associated with the moon (or any of the planets). Choose one and explain why it is (or isn't) true.	Go on a shopping trip with a parent. Use cash to buy your items (no more than £5). Make sure you get a receipt. Work out different ways in which you could have bought your items with different coins. Display your work in an interesting way.	Create a piece of music or a song/rap about one of the planets. Make sure you use interesting vocabulary and sound effects.	Draw a map of your journey to school. Include as many features as you can. Make sure that you use an 8 point compass on your map.
7 points	Show the phases of the moon in an interesting and creative way.	Research an astronaut. Find out as much as you can about him or her. Create a fact file with as much information about their life and career as possible.	Listen to the whole of the War of the Worlds by Jeff Wayne. You don't have to listen to it all at once. https://www.youtube.com/watch?v=uJrbz0wiT28	Use Google maps to look at Weymouth. Work out how far apart different parts of Weymouth are - eg how far is it from Preston to Chickerell? Then look at a map of the UK and work out how far Weymouth is from other major cities. Present your findings in an interesting way.
10 points	Create a model of the solar system. Think about how you could represent each planet to show the scale. Make sure you have researched the distance between each planet to show scale.	Write a story about an adventure that happens in space. It could be about an alien attack or a space mission to Mars or an exploration to find a new planet. Be as creative as you like.	Create a model of Neil Armstrong's landing module Eagle. Research what it looked like and create your model to be as realistic as possible.	Find out who John F. Kennedy was. What was his involvement in the Space Race? Why was this important at the time? Can you find out what happened to JFK? Present your findings in an interesting way.

You may choose which activities you complete from the grid. You must complete an activity from each area (A-D) and you must complete at least 35 points - obviously, I'd love it if you did more! Please upload your work onto Google Classrooms when completed. I'm looking forward to seeing your fabulous work.

Have fun!