

Cross Curricular Homework: YEAR 5

This half term, we are looking at everything to do with Space. For each week's homework, you will need to choose a minimum of one activity within that row. The homework will need to be in on every Wednesday (Try to push yourself to do some of the choices on the right hand side). Your homework must not be rushed, untidy or printed straight off the internet. We want quality work, please!

Different skills	Bloom's Taxonomy: Six Thinking Levels					
	Knowing	Understanding	Applying	Analysing	Creating	Evaluating
Week 1 Geography	Find out what the names of the different planets are.	Find out the order of the planets and how can you remember them.	Order the planets from smallest to largest.	Identify the general characteristics and explain what makes a planet and what makes a star.	Create a model of the Solar System.	Compare our Solar System with another in space.
Week 2 Maths	Find out how big our planet is.	Put the planets in order of their size.	Estimate the approximate distance between each planet.	Compare the circumference of one planet with another.	Create a scale model of some of the planets.	Assess how accurate the measurements of the size of our solar system are.
Week 3 Art	Find satellite pictures from space of where you live.	Re-create your own version using different materials of what the UK looks like from space.	Practice blending your colours (pencils/paint etc.) by looking at the surface of a planet.	Look in detail at space equipment and see if you can recreate a observational drawing of one.	Create a collage using different materials to reproduce an image of a planet of your choice.	Evaluate the impact of long distance photography on our understanding of the planets.
Week 4 Literacy	Match pictures of well-known astronauts with their names.	Explain how you think an astronaut felt when he was listening to the countdown before lift-off.	Make finger puppets and act out a scene from a space station – what do you think would happen?	Create a WANTED poster highlighting the qualities that you think an astronaut would need to have.	Create a picture of what you think a rocket launch would have looked like if you were there.	Decide if we should continue to work on landing on the moon or going further into space. Explain why you think we should pursue this.
Week 5 History	Find the date and who was on the first mission to the moon.	Create a timeline of our historical trips to the moon.	Use your knowledge to explain what the 'Space Race' was.	Assess the success or failure of our attempts to land on the moon.	Create a model of the first rocket used to get to the moon.	Decide if you think the moon landings were real or whether they were faked. Justify your decision.
Week 6 Science	Why is it hard for us to walk on the moon?	Find out why astronauts have to wear special suits.	Explain how we can make rockets to get us out of our atmosphere to the moon.	Analyse the effect of living in space for so long on the human body.	Design your own space suit and rocket based on what you have learnt so far.	If you could have been the first man/woman on the moon, what would you have done differently?