

<p>Science</p> <p>Locate the 'North Star' in the night sky. Research how you can use the North star to calculate basic compass directions (as the Ancient Greeks did). TRY IT and let us know how successful you were. Write a set of instructions telling others how to find it and use it as a compass.</p>	<p>Maths</p> <p>You are travelling to the International Space Station. As it is important to keep the weight down when travelling, you are only allowed 7kg of personal possessions. Make a list of what you would take – try to record each of their weights and show the total.</p>	<p>History/Science</p> <p>Find out the names of 10 constellations named by the Ancient Greeks. Draw them.</p> <p><i>DT – is it possible to make a 3D model of your favourite constellation?</i></p>	<p>Maths (working with some large numbers)</p> <p>Find out the distance from Earth to each of the planets in our Solar System. Write the distance in numbers and words.</p> <p><i>For a really difficult challenge, try to find out how long it would take to travel to each planet (based upon the fastest mode of space travel available at this moment).</i></p>
<p>English</p> <p>Can you write a short biography of major Time Peak, including some of his major achievements?</p>	<p style="text-align: center;"><u>Year 5 – 'From Greece to Space' Homework Log</u></p> <p style="text-align: center;">You must be using Mathletics regularly to consolidate your learning from school.</p> <p style="text-align: center;">You should be reading to someone 3 times per week/</p> <p style="text-align: center;">You should be reading at home everyday.</p>		<p>Science/DT</p> <p>Create a model, or demonstration, which can be used to show why the Earth receives night and day.</p>
<p>Art/History</p> <p>Create a labelled diagram of a Spartan soldier and a detailed description about his armour and weaponry.</p>			<p>Science</p> <p>Invent your own way of remembering the order of the planets in the Solar System (a mnemonic).</p>
<p>These are homework activities to support your learning and the skills you are developing. Each week select an activity from the grid to complete and keep it in your file. You or an adult can sign the box when you have completed the activity.</p>			<p>Maths</p> <p>Explore how to find the diameter, radius, circumference and, <i>if you want a real challenge, area</i> of a circle. Draw around 5 circles which you find in and around your home. Calculate the above for each.</p>
	<p>Geography</p> <p>Create your own 2D map of the world, complete with all the main continents, oceans (and seas, if you wish). Which other interesting details can you add (rainforest/deserts/famous mountains etc.)?</p> <p><i>Extra challenge – can you locate any places that you have been to?</i></p>	<p>History</p> <p>Create a Venn diagram showing the major difference between the city-states of Athens and Sparta in Ancient Greece.</p>	<p>History/Science</p> <p>Some significant scientific discoveries were made during the Ancient Greek period of history (particularly around our thinking about space). Research the following people, and record what they first discovered/realised about space:</p> <p>Pythagoras</p> <p>Aristarchus</p> <p>Exodus</p> <p>Aristotle</p>
		<p>Science</p> <p>Can you spot the International Space Station in the night sky? Create a map to show its flight path around the Earth.</p>	

