

Year 5 Optional Homework Tasks



Use a range of sources to find out about the planets in our Solar System, such as their diameter, position from the Sun, number of moons, day length, year length and type, for example gaseous or terrestrial. Record your results in a table.

Model the action of the Sun and Earth, demonstrate day and night using a ball (to represent Earth) and a torch (to represent the Sun). Write a short paragraph to explain day and night

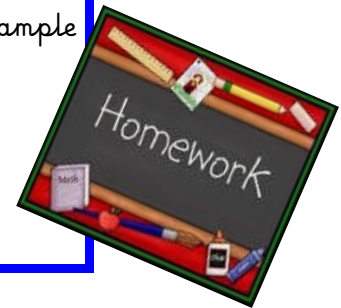
The company SpaceX are developing a new spacecraft to carry people to Mars. Imagine that you have been asked to provide travel guidance to interplanetary travellers. Create a leaflet about Mars to convince people to visit. Find out key facts and suggest the best places to visit and what to pack. Use persuasive language to appeal to your audience of potential visitors.



Before clocks and watches were invented, people used sundials to measure the passage of time. Make a shadow clock or sundial, using instructions found online. Use your creation to tell the time and consider how accurate it is compared to modern clocks.

Use an app to help you to locate features in the night sky. Examples include natural objects, such as the Moon, planets, constellations and nebula, or man-made objects, such as the International Space Station or Starlink Satellites. Choose how to record your observations.

Find a recipe online to create some fun space inspired food for example moon crater cookies - yum!



Topic: Stargazers

