

# PLANET HOLIDAYS

## Specification Link:

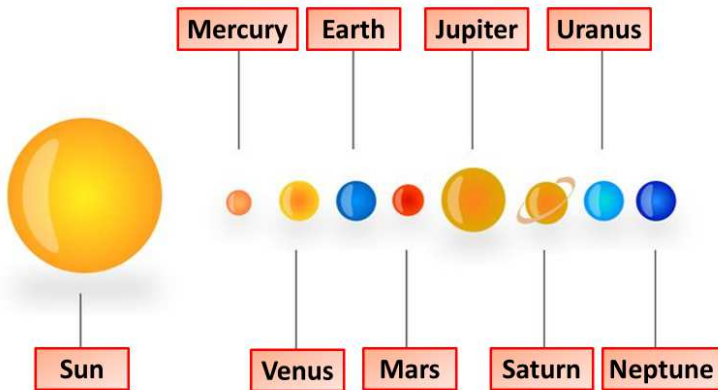
Home School Project

In the future, space flight may be able to offer holidays in the solar system. Imagine you are an estate agent who is advertising holidays to other planets.

### Task:

Design an information poster or leaflet about travelling to Mars. Use the information above and from secondary resources to help. Include:

- A comparison of the day and year on Earth and Mars.
- Explain which clothes and special equipment to take.
- Some descriptions of the must see features, events or places.



### Highlight key points below

The planets take different amounts of time to go around the Sun. A single orbit is called the planet's year, and the further out a planet is the longer its year takes. The orbits of the planets in the solar system are almost circular – with the Sun near the centre..

Our solar system consists of our star, the Sun, and everything bound to it by gravity – the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune, dwarf planets such as Pluto, dozens of moons and millions of asteroids, comets and meteoroids. Beyond our own solar system, we have discovered thousands of planetary systems orbiting other stars in the Milky Way.

Write up a brief plan of how you are going to complete this, noting key things you need to remember

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Done	You might have:
	<ul style="list-style-type: none"> <li>• State the length of the day and year.</li> <li>• State what clothes to take, with a simple reason.</li> <li>• Recognise how the atmosphere is different.</li> <li>• Identify a 'must see' feature, event or place.</li> </ul>
	<ul style="list-style-type: none"> <li>• Compare the length of the day and year to that on Earth.</li> <li>• Explain simply what clothes to take.</li> <li>• Decide on what special equipment will be needed, with a reason.</li> <li>• Describe a 'must see' feature, event or place.</li> </ul>
	<ul style="list-style-type: none"> <li>• Compare the length of the day and year to that on Earth.</li> <li>• Explain what clothes to take.</li> <li>• Decide on what special equipment will be needed, with a scientific reason.</li> <li>• Describe a 'must see' feature, event or place.</li> </ul>
	<ul style="list-style-type: none"> <li>• Compare the length of the day and year and the seasons to that on Earth and explain in detail, using a diagrams, why there is a difference.</li> <li>• Explain, with scientific reasons, what clothes to take.</li> <li>• Decide on what special equipment will be needed, with detailed scientific reasons.</li> <li>• Describe in some detail the 'must see' feature, event or place, drawing on geological or atmospheric information.</li> </ul>

Questions that you should ask yourself while completing this

What should I do first?

Is something confusing me?

Could I explain this to someone else?

Could I have used more scientific terms?

Where can I look for help?

Have I double checked what I need to include?

How can I do it better?