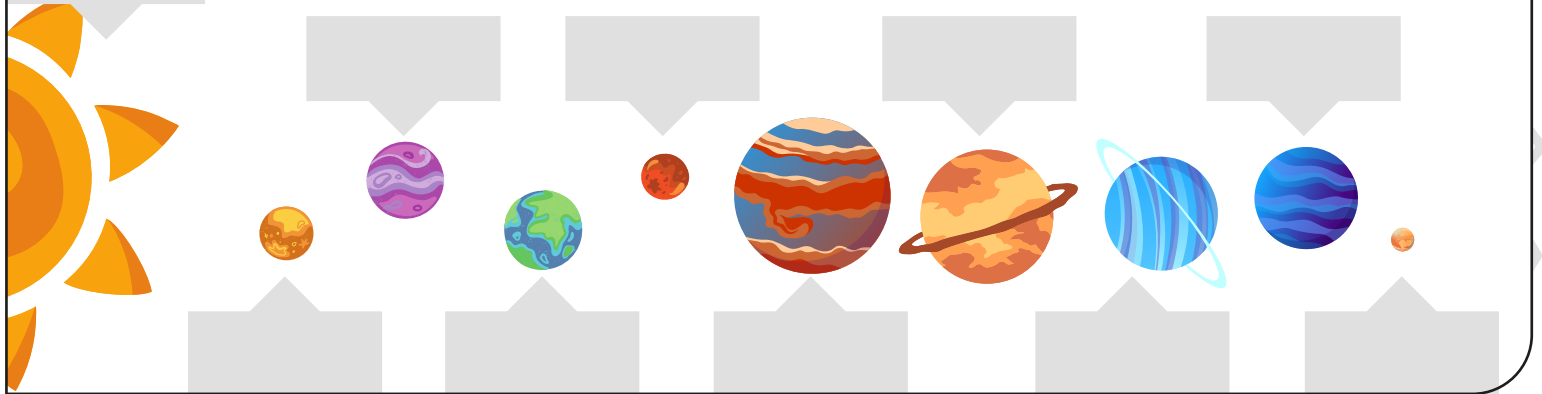


Stargazing Challenge

If you're a Cub or Brownie, completing this challenge will help you achieve your astronomer or space badge!

Label this diagram of the solar system.



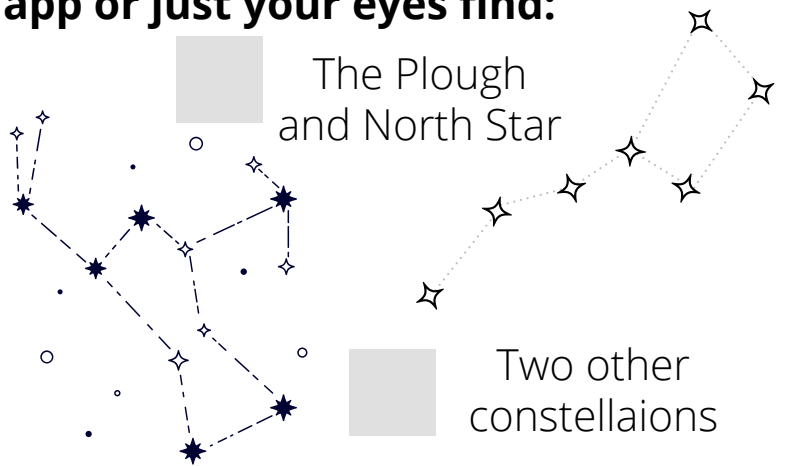
Although they might look similar in the night sky, what is the difference between a planet and a star?

Being able to spot objects in the sky is important for a sailor. Using a telescope, an app or just your eyes find:

The Moon
can you spot its craters?



The Plough
and North Star



Satellite, planet or meteor



Two other
constellations

Constellations are groups of stars which often tell an epic story. Have a go at making your own constellation. Remember to name it.

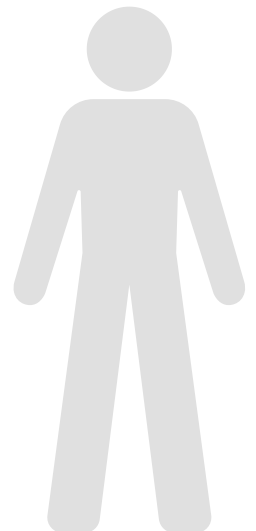
Constellation name:

United Kingdom Space Command is a new command between the Royal Navy, Royal Air Force and British Army. Design your own astronaut training program and try it out!

Training, how to get space ready?

Space Menu:

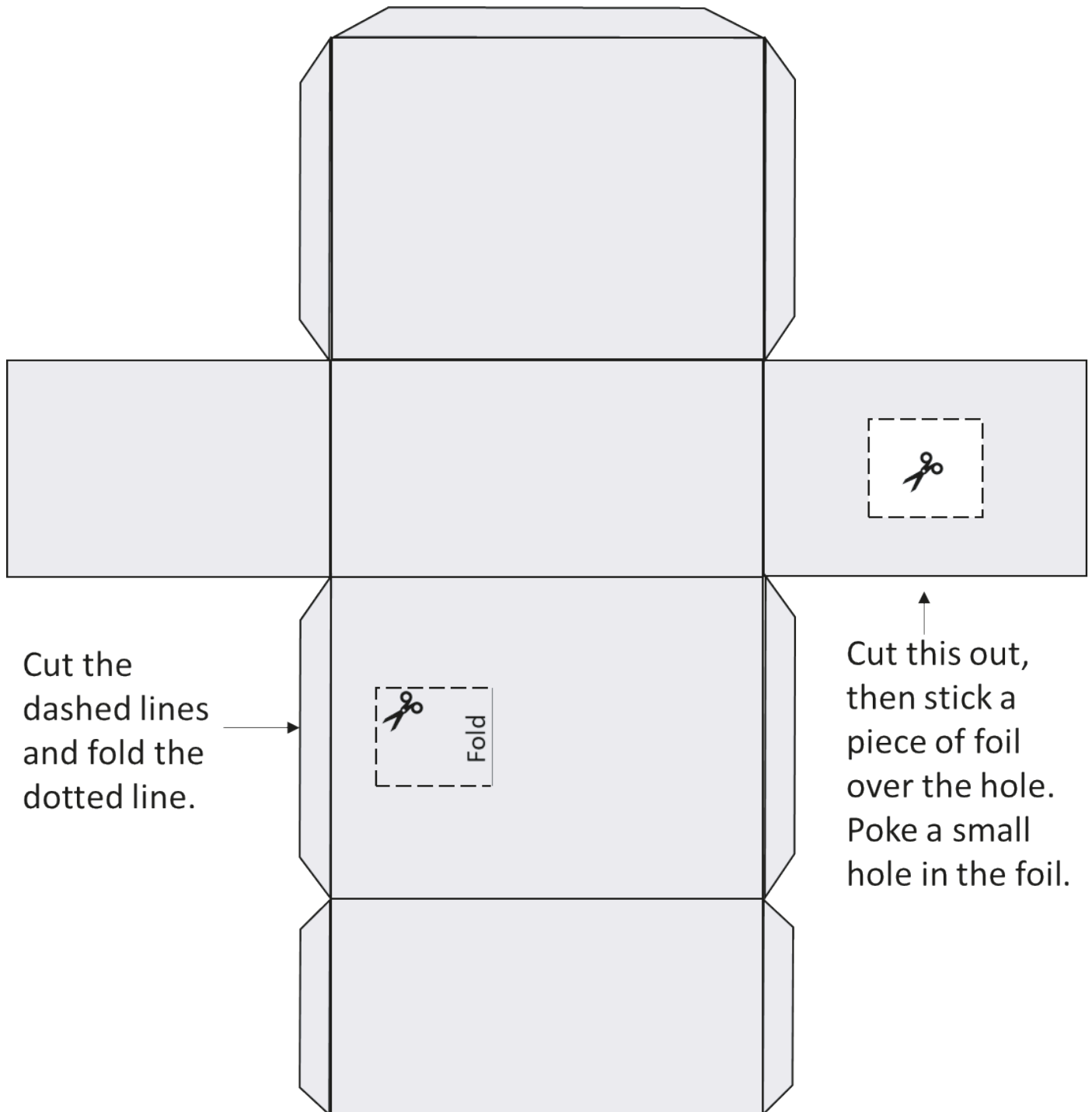
Spacesuit:



What are two new things you learnt about space? How are you going to tell your friends and family about them?

Make your own Sun Spot Viewer by cutting out the template and following the instructions below:

Cut out the shape and glue to sides together to make a box. Point the foil end of your box at the sun and look through the flap to the back of the box. The circle you like you see is the sun. If there are any dark patches, these are sun spots! Track how the sun spots change over different days.



Remember, never look directly into the sun!