



## Space Activity Badge

What I need to  
do





Poor old Pluto no longer a planet

Name:..... Group.....

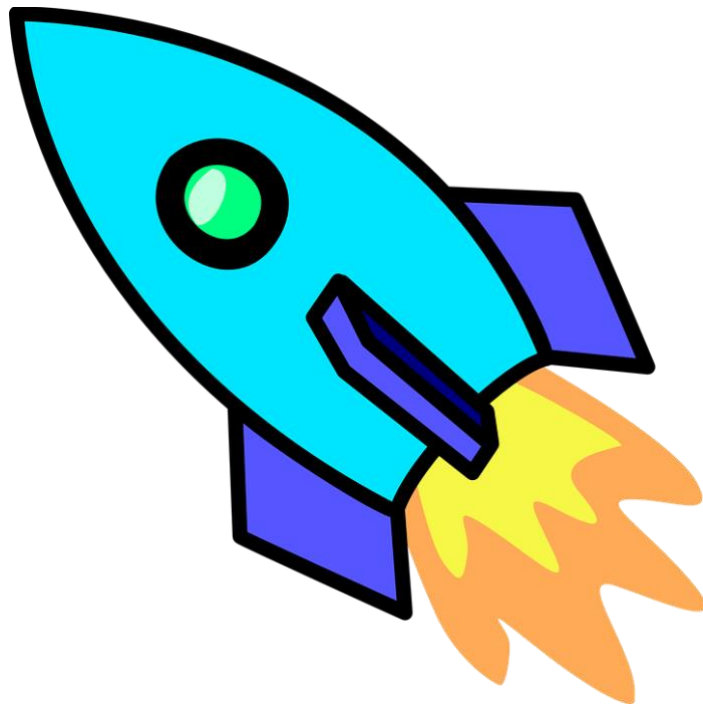
## How to earn your badge

Point out some of the things you can see in the night sky. It could be stars, the moon or planets.

Point out and name at least one constellation you can see.

Name the eight planets in our solar system and draw or make a model of one of the planets. You could use papier-mache to make your model.

Find out about a space mission, an astronaut or a planet in our solar system.



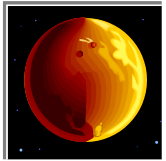
## What can you see in the night sky?

Write a list of the things you have seen or draw pictures below



.....

.....



.....



# The Sun is at the centre

The Sun



A little rhyme to help you remember the order of the Planets

Mercury

My



Venus

Very



Earth

Early



Mars

Morning



Jupiter

Jam



Saturn

Sandwich



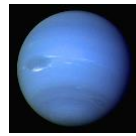
Uranus

Usually



Neptune

Nourishes



## Another Rhyme to help you remember the Planets

Amazing Mercury is closest to the sun,  
Hot, hot Venus is the second one,  
Earth comes third: it is not too hot,  
Freezing Mars awaits an astronaut,  
Jupiter is bigger than all the rest,  
Six comes Saturn, its rings look the best,  
Uranus sideways falls and along with Neptune,  
They are big gas balls.

## Fun Facts About the Planets

Mercury's craters are named after famous artists, musicians and authors.

Venus is the hottest planet in the solar system.

Earth's atmosphere protects us from meteoroids and radiation from the Sun.

There have been more missions to Mars than any other planet.

Jupiter has more than double the mass of all the other planets combined.

Saturn has more moons than any other planet in the Solar System.

Uranus has only been visited by a single spacecraft, Voyager 2.

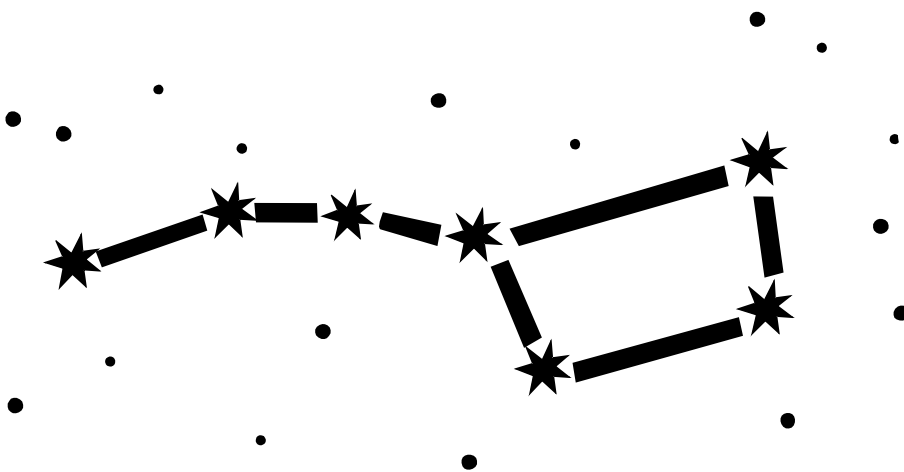
It takes like more than 4 hours for light to reach Neptune from the Sun.

Apart from Neptune and Uranus the other 6 planets can be seen

unaided and all 8 are visible with a small telescope or binoculars.

### **Some constellations names and meanings.**

- Aquarius - The Water Bearer.
- Aries - The Ram.
- Bootes - The Herdsman.
- Cancer - The Crab.
- Capricorn - The Sea Goat.
- Cygnus - The Swan.
- Gemini - The Twins.



Do you know what this constellation is called?

Can you spot any other constellations?

Identify at least one constellation you can see.  
Can you see these stars that make the shape of a pan?  
What is it called?

Ask a parent to help you to go to



[http://www.nasa.gov/mission\\_pages/msl/](http://www.nasa.gov/mission_pages/msl/)

on the internet and find out about the Curiosity Rover.

What planet is it exploring?

What colour does this planet look?

1. Point out some of the things you can see in the night sky. It could be stars, the moon or planets.
2. Point out and name at least one constellation you can see.
3. Name the eight planets in our solar system and draw or make a model of one of the planets. You could use papier-mache to make your model.
4. Find out about a space mission, an astronaut or a planet in our solar system.



Tick the box when you have completed the Badge and send to your Beaver Leader

