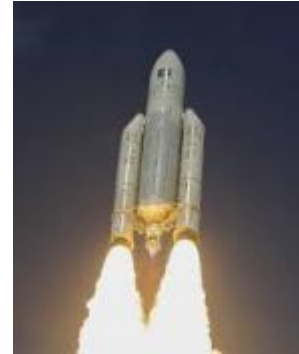




Super Science!

For the next two week block we are going into Space!



I have been in school the last few weeks and I was shocked to see more alien footprints have appeared outside the library and there are even some leading out to the spaceship!

Do you remember when the aliens crash landed in school last year? Well I think they have come back looking for their map and to see if they can fix their spaceship.

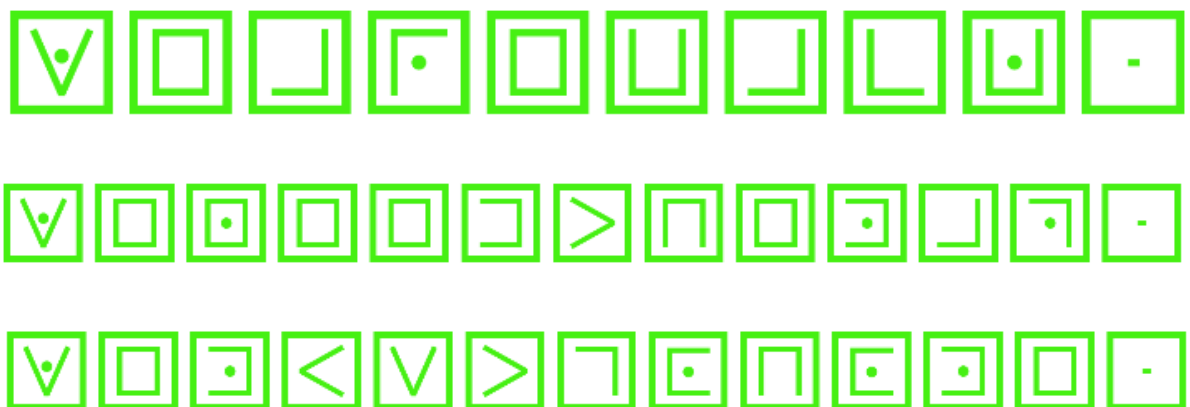
This is very worrying and I will update you on any developments.

Mr Langridge has been informed and has asked us all to be alert for any alien activity.



This strange coded message was found pinned to the main entrance.

We need your help to work out what it says.



It seems to be based on the code below. Perhaps you could work out what they are saying and try and write a reply to them in their strange code.

A	B	C	J.	K.	L.
D	E	F	M.	N.	.O
G	H	I	P.	Q.	.R

	S	
T		U
	V	

	W	
X.	.	.Y
	Z	

Year 1 & 2

You will learn about Space when you are in key stage two but Space is so amazing and interesting I thought that we would have a look at it over the next two weeks.



<https://www.youtube.com/watch?v=noiwY7kQ5NQ> ask a grown up to help you find this video clip and you will learn about the planets.

This song will help you learn the names of the planets and where they are in relation to the Sun.

- Can you see how small some of the planets are?
- Which planet is the biggest?
- If you have some playdoh at home you could try making the planets.
- See if you can line them up in order.
- Write out their names on labels, you could ask a grown up to help you with this, and see if you can place the labels next to the right planet.

Our planet Earth is sometimes called the Goldilocks planet because it's just right for us to live on.

Do you think that aliens live on any of the other planets?

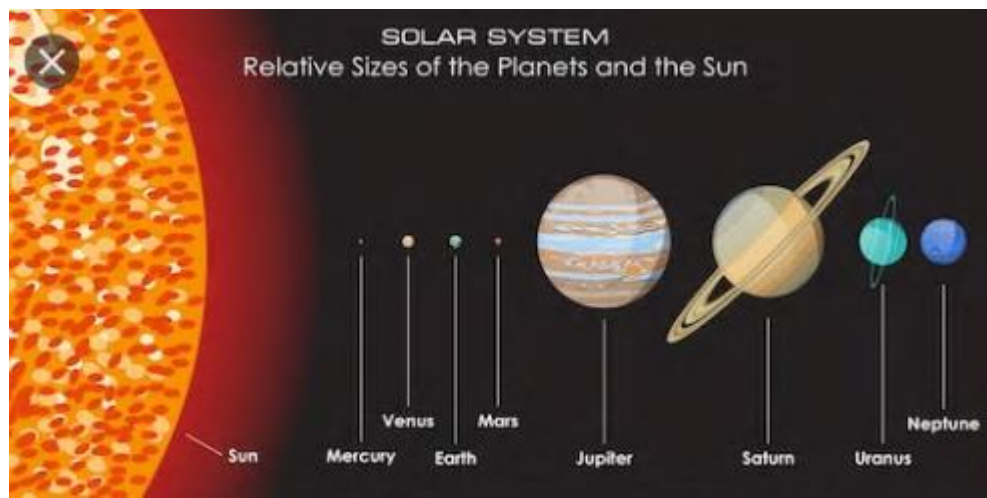
- Can you pick a planet and draw an alien you think might live there?
- If you could go into Space which planet would you like to visit and why?

Remember you must never look directly at the Sun because it could damage your eyes.

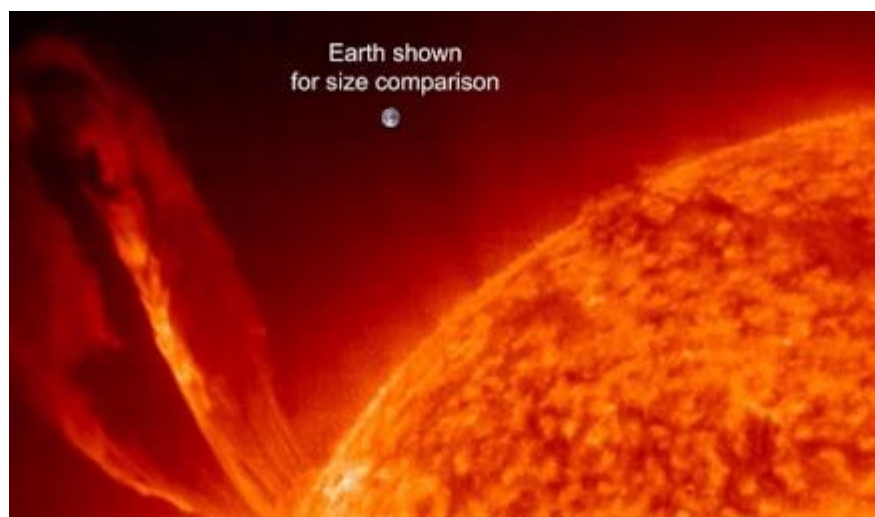
What about our Sun?

Is our Sun a planet or is it a star?

Why do you think our Sun is so important?



Look how big the Sun is compared to the other planets! It's huge!



Key stage 2

You are also going into space!



Once you have deciphered the alien's message, can you try and write a message for them.

Next you need to familiarise yourselves with the planets in our solar system.

Can you name and order the planets in our solar system?

Year 3 might remember the planet song from their work in year 2!

Ask an adult to help you find it.

<https://www.youtube.com/watch?v=noiwY7kQ5NQ>

The planets are fascinating I love Saturn, I think it's beautiful and it's amazing to look at through a telescope.



Which is your favourite planet?

Which planet interests you the most?

Can you research one of the planets and create an information booklet about it?

Is it a rocky planet or a gas planet?

How many moons does it have?

What is its atmosphere like?

How long would it take to travel to the planet from Earth?

Have we ever visited the planet?

Does it have any interesting features?

Include some fascinating facts.

Include pictures, photographs, labels and captions.

Year 5 & 6

As well as completing a fact file about your favourite planet, can you find out about another part of our solar system that interests you and do some research on it.

Do you know about the stars?

How and where are stars born?

What happens to a star when it dies?

What is the biggest star in our solar system?



What about black holes?



What is a black hole?

<https://spaceplace.nasa.gov/menu/space/>

Click on this link to find out about black holes and all sorts of interesting things in space and our solar system.

It's a great site that will take you to all sorts of interesting places as well as giving you activities to try at home.

<https://spaceplace.nasa.gov/menu/do/>

Find out about a famous scientist.

Do you know who this man is?

I have been lucky enough to hear him talk about our solar system. He has also made television programs about our solar system.

See what you can find out about him.



There are so many aspects of our solar system you could look into.

Comets, asteroids, our Moon, the first moon landing, space travel or life on board the International Space Station to name only a few.

Click on the link below for a guided tour of the ISS.

https://www.youtube.com/watch?v=06-Xm3_Ze1o

If you click on this next link it will give you the dates and times you can spot the ISS over the UK.

https://spotthestation.nasa.gov/sightings/view.cfm?country=United_Kingdom®ion=England&city=London#.XvcvMMuWzIU

Enjoy your journey through Space!

