

HAPPY FRIDAY EVERYONE!

I hope you have a great week and enjoyed your Coding, Art, Science, and Music this week. You have produced some amazing

work as usual! I loved some of your drawings and some of you now have some very clean coins in your house!!!

Last week, we were very impressed with your work on countries. It is great to get to know a country and hopefully it will not be too long before we can all go and visit our chosen country.

This Friday's mini project is all about Space and the Planets. We know you learnt all about it in Year 1 or 2 so thought it would be remind ourselves of what we learnt and increase our knowledge. (I have already learnt so much....I can't believe the world spins round at 1,000 miles per hour!!!)

We would again like you to put together a piece of work about Space. The project can go off in any direction you choose.

It is up to you how you present your work. I know some of you like to create films. (so would I, if I knew how!) whereas other people much prefer to draw and write on paper. your work can be done electronically if you wish. You can do it in any way you please.

All we ask is you share what you have done. It gives us all so much pleasure to look at your work and see how creative you have been. We are happy for your parents to join in with the project and help and advise you as much as you like. Your music lesson was about 'The Planets' this week. If you do make a film, you can always put the

music as a background soundtrack (.... again, I would love to be able to do this in this letter...maybe one day!!!)

Within your research, there are somethings you must include. after that, we have put lots of extra suggestions and you can be as creative as you like with these and obviously do anything we haven't thought of!

Watch these BBC Videos

<https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/ztsqj6f>

<https://www.bbc.co.uk/bitesize/articles/zk7fy9q>

This has lots of information on it too

<https://www.youtube.com/watch?v=libKVRa01L8>

Must include;

- A labelled diagram of the solar system
(My Very Educated Mother Just Served Us Nachos.)????????
- A detailed fact file about one planet
- Some interesting information about the sun
- An explanation about how the Earth orbits the sun

The website below is a fabulous way of doing this activity practically. However, if you can't print off the map, you may have to draw your self a little map of Cornwall and one of Australia! You will see what I mean if you watch it.

<https://mysteryscience.com/astronomy/mystery-1/day-night-earth-s-rotation/378?r=77879079#slide-id-6261>

<https://mysteryscience.com/mini-lessons/planet-earth>

Could include;

Research into how to become an astronaut

Learn about and present work on meteors

Learn about and present work on black holes

Learn about and present work on the Hubble telescope

Research Galileo

Go on your own space adventure, make it into a cartoon

Create your own planet and alien who lives on it

Use fruit to create your own solar system model (see Sheet)

Make a model rocket to fly to Mars

Make some food for an astronaut (rock buns????)

Create a song about the planets

<https://www.youtube.com/watch?v=F2prtMPEjOc>

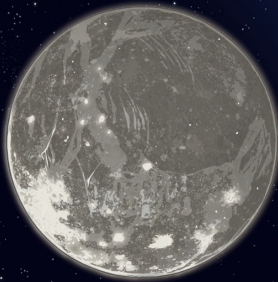
Find out about the first moon landing

<https://www.bbc.co.uk/bitesize/topics/zhpchbk/articles/z4w3mfr>

Have fun!

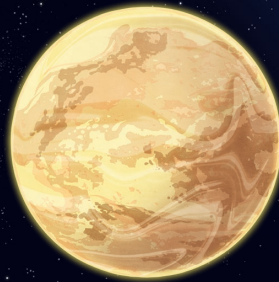
As always, we look very much forward to seeing you work!!

Mercury




Size (diameter):	4879.4km
Moons:	0
Distance from Sun:	53.29 million km
Length of year:	88 days
Length of day:	58 days 15 hours 30 minutes
Temperature:	-173°C to 427°C
Atmosphere:	hydrogen, helium, oxygen, sodium and potassium

Venus



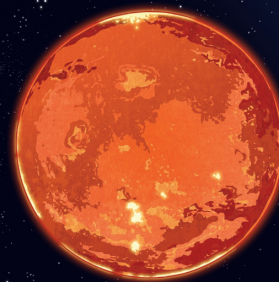
Size (diameter):	12 104km
Moons:	0
Distance from Sun:	107.48 million km
Length of year:	225 days
Length of day:	116 days 18 hours 0 minutes
Temperature:	around 470°C
Atmosphere:	carbon dioxide (96.5%), nitrogen and sulphur dioxide

Earth



Size (diameter):	12 742km
Moons:	1
Distance from Sun:	151.75 million km
Length of year:	365 days
Length of day:	24 hours
Temperature:	between -88°C and 58°C
Atmosphere:	
Nitrogen	78.08%
Oxygen	20.95%
Argon	0.93%
Carbon dioxide	0.04%

Mars



Size (diameter):	6791km
Moons:	2 (Phobos and Deimos)
Distance from Sun:	227.9 million km
Length of year:	687 days
Length of day:	1 day 0 hours 37 minutes
Temperature:	between -140°C and 20°C
Atmosphere:	
Oxygen: 0.13%, CO ₂ : 95.32%	
CO: 0.08%, N: 2.7%, Ar: 1.6%	

Solar System Fact Hunt

Use books, the Internet or the Solar System Fact Cards to find the answers to the following questions.



<p>Which planet orbits closest to the Sun?</p> <hr/> <hr/>	<p>Which planet has the highest maximum temperature?</p> <hr/> <hr/>
<p>Which planet's atmosphere contains the highest percentage of carbon dioxide?</p> <hr/> <hr/>	<p>How much bigger is Earth than Mars?</p> <hr/> <hr/>
<p>Which planet has the shortest day?</p> <hr/> <hr/>	<p>Which planets are made of gas?</p> <hr/> <hr/>
<p>Which planet has the most moons?</p> <hr/> <hr/>	<p>What is the Earth's atmosphere made mostly of?</p> <hr/> <hr/>