



Let's find out about...



The Sun, The Moon And Us

In Term 1 we are going to learn about the sun and the moon.

We already know quite a lot about them, but we have got plenty of questions too!

Here are some of the things we think we know already or have been wondering about...

I don't think we could go to visit the sun. It is too hot. Your feet would go on fire.

Ally

Is the Sun the biggest planet?

Freddie

Interesting!
Let's find out more!

If the Earth is spinning round all the time, why don't all the people fall off?

Zara

If you were at the South Pole in a rocket and you flew down, down, down... where would you land?

Marc

Awesome Questions!

Could the Sun get bigger?

Emma

Are stars really a pointy shape?

James B

Wonderful
Wondering!

Some people think there are different shapes of moon but I think it is always a sphere - it just looks different sometimes.

Ribhav

Excellent
Thinking!

I think the sun is bigger than the moon. If it wasn't so big, it wouldn't be able to give the Earth enough heat

Izzy

Great
Ideas!

Some people think that the sun goes down at night but I think it is just the Earth that is moving - not the sun.

Cara

To Find Out More We Think We Could...

Look in books

Search the internet

**Visit a library
or a museum**

**Go to the
Science Centre**

Ask an adult

Watch videos

**Go out at night and
look at the sky**

Go to space in a rocket

We have only had a couple of lessons so far, but already we have found out some interesting things about the sun, the moon and the Earth.



Megan 10.09.19

What Have We Learned About The Sun?

The sun is a Star. It is a big ball of gas that is burning. It is very hot. The sun is much, much bigger than the Earth. The Earth is a Planet. It travels round the sun. It takes it a year to go all the way round! The Moon travels round the Earth. It is much smaller than the Earth. The moon is made of rock – just like the Earth!

~~gas~~ ~~bigger~~ ~~moon~~ ~~smaller~~ ~~hot~~ ~~star~~ ~~rock~~ ~~year~~ ~~planet~~

At first, some of us thought that the moon could change its shape because when we look at it in the sky it doesn't always look the same. Ribhav thought that the moon was always a **sphere**, but that the way the sun's light shines on it can sometimes make it look like different shapes.

This video helped us to see why Ribhav is right! Why not watch it at home or try the demonstration yourself?

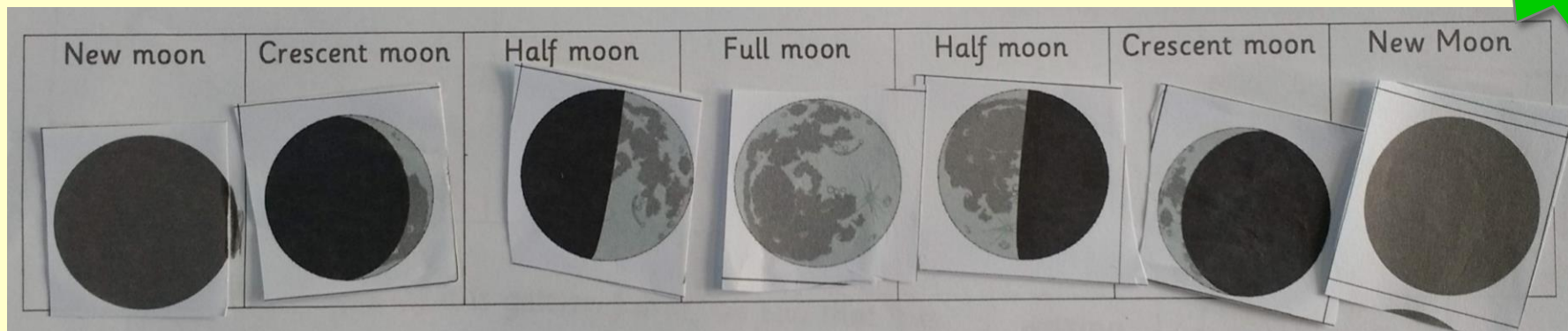
<https://www.youtube.com/watch?v=wz01pTvuMa0>



We found a good website that shows us the different shapes (phases) of the moon. It even lets us see what the moon over Glasgow will look like every night!

Did you know that the phases follow the same pattern every 28 days? We did a sequencing activity to help us think about this pattern.

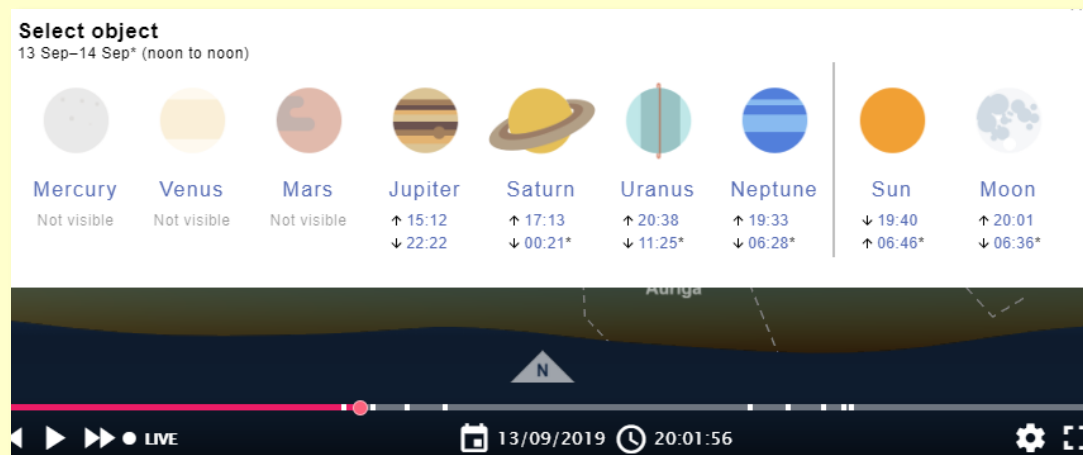
<https://moonphases.co.uk/moon-calendar>



Now we know that there will be a **full moon** this Friday (13th September 2019).

We are very excited! Maybe some of us will be allowed to stay up so that we can go outside to see it.

This website tells us that we might be able to see some **planets** too! **Jupiter** and **Saturn** should be visible. (If it's not too cloudy!)



<https://www.timeanddate.com/astronomy/night/uk/glasgow>