

Scientist Name:

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Today Science Club are going to look at

## THE SOLAR SYSTEM!

The Solar System is made up of THE SUN at the centre.  
Eight planets orbit the sun:

M \_\_\_\_\_

V \_\_\_\_\_

E \_\_\_\_\_

M \_\_\_\_\_

J \_\_\_\_\_

S \_\_\_\_\_

U \_\_\_\_\_

N \_\_\_\_\_



Today we are going to make the Solar System using PlayDoh and toilet roll.

Now, which is the largest planet? \_\_\_\_\_

And which is the smallest planet? \_\_\_\_\_

We will also be looking at meteorites that have been found on Earth. There are lots of different types, some from other planets, or others that have been drifting around our Solar System for ages.

**Note to parents:** We have been looking at planets and meteorites this week. Keele University has a powerful telescope that you can see the moon with. Anyone can go and visit and it is free! Tuesday 8-10pm ([www.keele.ac.uk/observatory](http://www.keele.ac.uk/observatory)). Best to go on a clear night! Any questions please email: [HassellScienceClub@gmail.com](mailto:HassellScienceClub@gmail.com)

## PLANETS QUIZ

1. **How long** does it take for the Earth to travel around the sun? 24 hours, 10 weeks or a year?
2. The sun and moon **are the same size**? TRUE or FALSE?
3. Day and night are caused by the **Earth spinning**, TRUE or FALSE?
4. Olympus Mons on Mars is the biggest volcano in the solar system. How much bigger is it than Mount Everest? 2x? 3x? Or 5x?
5. Which is the hottest planet in the Solar System? Mercury? Venus? Or Mars? And why?  
\_\_\_\_\_
6. Which is the coldest planet in the Solar System? Saturn? Uranus? Or Neptune? And why? \_\_\_\_  
\_\_\_\_\_!
7. What is the **Red Spot** on Jupiter? An erupting volcano? Or A massive storm?
8. What is an **asteroid**? A rock in space? A space rock in the atmosphere? Or a landed space rock?
9. What is a **meteor**? A rock in space? A space rock in the atmosphere? Or a landed space rock?
10. What is a **meteorite**? A rock in space? A space rock in the atmosphere? Or a landed space rock?