

Objectives	Making My Own Sun	Extra Information
Lesson 1 – Whole Class Version.	<p>GUIDANCE – Make sure the class is comfortable with what the solar system is and what it contains. Name all the planets and how many moons they each have. (The Sun, Mercury, Venus, Earth: 1 Moon, Mars: 2 Moons, Jupiter: 79 Moons, Saturn: 82 Moons, Uranus: 27 Moons, Neptune: 14 Moons, Pluto, which is a Dwarf Planet: 5 Moons)</p>	<p>Materials Required:</p> <ul style="list-style-type: none"> ✓ Large blank piece of Black or blue paper for making our nights sky ✓ Circle paper cut outs for making our sun (Slightly larger than the circumference of a mug so it stands out from the planets we will make in future lessons) ✓ Things to decorate our suns such as orange tissue paper, paints, felt tips or any colouring tool ✓ Pencils ✓ Paper ✓ Glue stick ✓ PVA glue ✓ Glue spreaders
<p>L.O:</p> <p>I Understand That Using Different Materials Can Help Change What Sort Of Personality My Sun Will Appear To Have.</p>	<p>STARTING ACTIVITY – Rocket ship drawings. (15 Minutes)</p> <p>Ensure the class has a large black or blue piece of paper each which will be their solar system. Then have them imagine they had their very own rocket ship to explore the universe with. Discuss where they would go and what kinds of things they might see?</p> <p>Since this is their first time exploring the universe and other planets, suggest the class starts with the closest to us? You could almost think of visiting the planets in our Solar System as popping next door to say hello to our neighbour or best friend. Start off by asking the class to draw what their rocket ship might look like on a blank piece of paper. Suggest that the pupils write next to it what kinds of things they would take with them on their travels!</p> <p>MAIN TEACHING – Spotting the sun. (25 minutes)</p> <p>Explain that all our neighbouring planets as well as our own, are rotating or Orbiting around the Sun which is the big bright star at the centre of the collection of planets we call our Solar System. Have the class think about what our Sun might be like if it were a person. What kind of personality would it have, would it be happy or sad, would it be lazy and slow or full of energy?</p> <p>Take our circle cut outs (from the Tools and Resource) and begin decorating one side of the Sun. Think about what materials could be used to show off what kind of personality it would have. Maybe some orange tissue paper would help show the warm personality of the sun, suggest using other classroom materials, or even draw a face to help show more character!</p> <p>When the class is done have them stick the Sun at the centre of their large blank piece of paper using a glue stick or some PVA glue and a spreader. Now, thanks to the light of the Sun, we can start to discover what the rest of our neighbours might be like! Next time we will begin populating our blank space with more! This is just the start of our voyage across the stars!</p>	<p>Key Words:</p> <p>Exoplanet Solar System Orbiting/Orbit</p> <p>Traffic light expected lesson outcomes:</p> <ul style="list-style-type: none"> ✓ I can create my own Sun. ✓ I can create my own Sun with a unique personality. ✓ I can create my own Sun and show why I used certain materials to create its unique personality.

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	<p>MAIN TASK – Rocket ship drawings. (10 Minutes) Explain to the children that they are about to start exploring all the planets that make up the Solar System. Build excitement by asking - Did you know - outside of the 8 planets that make up our Solar System as of May 2020 there are a total of 4,260 planets that have been discovered outside of our Solar System. These planets are what we refer to as Exoplanets and are a long, long way away from us here on Earth.</p> <p>PLENARY – (5 Minutes) Pick 3 children to show what kind of personality their Sun has and what they used to show it.</p>	



Reflection

Child's Progress