

## **FROM THE MOON TO MARS - KS2 WORKSHOP by Sue Palmer**

What's happening in space right now and what are man's future exploration goals?

<b>Learning Objectives</b>	<ul style="list-style-type: none"><li>❖ To describe what is happening in space right now.</li><li>❖ To identify the key aims and timescales for moon and mars exploration.</li><li>❖ To understand why these goals have been set.</li><li>❖ To be able to describe the benefits of this exploration to life on earth.</li><li>❖ To create an idea bank of futuristic space goals.</li></ul>
<b>Content</b>	<ul style="list-style-type: none"><li>❖ Introduction to Sue Palmer, May's Moon and today's workshop objectives.</li><li>❖ Group discussion on future space goals.</li><li>❖ What's happening in Space Right now.</li><li>❖ What skills and attributes do you need to become an astronaut or space resident?</li><li>❖ Moon science, technology and missions.</li><li>❖ Design your own moon base.</li><li>❖ How to do we make it to MARS?</li><li>❖ What do we get from space travel?</li><li>❖ Moon poems (full day)</li></ul>
<b>Learning Outcomes</b>	<ul style="list-style-type: none"><li>❖ I can talk about the benefits of space exploration for life on earth.</li><li>❖ I can identify the key aims and timescales for moon and mars exploration.</li></ul>
<b>Resources Required from School</b>	<ul style="list-style-type: none"><li>❖ Access to Laptop USB port and Whiteboard.</li><li>❖ Paper and pens.</li></ul>
<b>Follow Up (Optional)</b>	<ul style="list-style-type: none"><li>❖ Join the <i>National Space Centre Newsletter</i> for up to date blogs on what's happening in space (<a href="http://www.spacecentre.co.uk">www.spacecentre.co.uk</a>)</li><li>❖ Enter relevant competitions run by ESA (<a href="http://www.esa.int/Education">www.esa.int/Education</a>)</li><li>❖ Create your own class lunar village based on your learning.</li><li>❖ Share your learning with other classes.</li><li>❖ Write your own moon/space poems.</li></ul>