



<b>Topic:</b> Space	<b>Year: 5</b> Age 9-10	<b>Title:</b> Solar system research
<b>Working Scientifically</b> <b>Review:</b> Report and present findings from enquiries using appropriate scientific language		<b>Concept Context</b> Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
<b>Assessment Focus</b> <ul style="list-style-type: none"> <li>Can children report and present information to answer their questions about space?</li> </ul>		
<b>Activity</b> <i>Today we will be space scientists.</i> Use an animation, photo or video clip to begin a discussion about our solar system. Raise questions about different planets in our solar system e.g. movement, relative movement, size etc. Provide books or access to the internet. Help to phrase search questions. How will you share your research? Agree options e.g. labelled diagram or model, information leaflet, drama, animation, presentation etc. Small groups could research different planets or different features. Present/share outcomes with rest of the class. Groups could peer assess against agreed success criteria e.g. clarity.		
<b>Adapting the activity</b> <b>Support:</b> Support children with search terms and vocabulary e.g. orbit. <b>Extension:</b> Present comparisons between the features of different planets. <b>Other ideas:</b> Present research to other classes or audiences.  <b>Key questions for discussion</b> <ul style="list-style-type: none"> <li>What is your research question? What are you trying to find out?</li> <li>What can you tell me about your planet so far? What other questions do you have?</li> <li>What have you found out that you did not know before?</li> <li>How does this compare to other planets?</li> <li>How can you present the information in a way that others can understand?</li> <li>How can you keep the audience/reader interested?</li> </ul>	<div style="border: 1px solid purple; padding: 2px; display: inline-block;">P4</div>    	
<b>Assessment Indicators</b> <b>Not yet met:</b> Presents planet research in a way which lacks clarity or new information.  <b>Meeting:</b> Presents planet research clearly, demonstrating an understanding of the planet's position in the solar system.  <b>Possible ways of going further:</b> Presents in an interactive way, which engages the audience. Compares a range of features about different planets.		

Pupil box 4 - assess peers. See TAPS pyramid for more examples.