













WELES LESSON PLANNER

Subject	Teaching Method	Web-Enhanced Lesson	Web Resources												
<input checked="" type="checkbox"/> Science 	<input checked="" type="checkbox"/> Present 	<p>Grade: 7</p> <p>Lesson: <i>Solar System.</i></p> <p>Lesson Objective(s): <i>Describe the similarities and differences among each of the planets in our solar system and earth.</i></p> <p>Education Standard(s): <i>Content: Earth and Planetary Science</i> <i>Process: Math, Science, & Technology: Analysis, Design, and Inquiry; Information Systems; Math; Science; Technology; Interconnectedness; Problem-Solving; Soc. Studies: Geography; English/Lang Arts: Communicating and Understanding</i></p> <table border="1"> <thead> <tr> <th>Lesson Activities</th> <th>WELES</th> </tr> </thead> <tbody> <tr> <td>• Create interest: show short video clips and pictures of planets in solar system – prompt students to ‘guess’ which planet is in the picture.</td> <td>Frame</td> </tr> <tr> <td>• Conduct question and answer session on features of the earth (previous unit) and what students think are characteristics of other planets</td> <td>Inform</td> </tr> <tr> <td>• Discuss planets with expert/scientist.</td> <td>Inform</td> </tr> <tr> <td>• Students to work in groups to develop descriptions of each planet, each group with a different planet– explore multiple resources</td> <td>Explore</td> </tr> <tr> <td>• Class creates a giant picture or encyclopedia of planets in our solar system; describes similarities/ differences compared to earth.</td> <td>Try</td> </tr> </tbody> </table>	Lesson Activities	WELES	• Create interest: show short video clips and pictures of planets in solar system – prompt students to ‘guess’ which planet is in the picture.	Frame	• Conduct question and answer session on features of the earth (previous unit) and what students think are characteristics of other planets	Inform	• Discuss planets with expert/scientist.	Inform	• Students to work in groups to develop descriptions of each planet, each group with a different planet– explore multiple resources	Explore	• Class creates a giant picture or encyclopedia of planets in our solar system; describes similarities/ differences compared to earth.	Try	<p>ELEMENTS</p> <p><input type="checkbox"/> Numbers</p> <p><input type="checkbox"/> Narratives</p> <p><input type="checkbox"/> List of references</p> <p><input checked="" type="checkbox"/> Still Images</p> <p><input checked="" type="checkbox"/> Animations</p> <p><input checked="" type="checkbox"/> Video clips</p> <p><input type="checkbox"/> Sounds</p> <p><input type="checkbox"/> Tools</p>
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<input type="checkbox"/> Mathematics 	<input checked="" type="checkbox"/> Guide 		<p>ORGANIZED SITES</p> <p><input checked="" type="checkbox"/> Information</p> <p><input type="checkbox"/> Databanks</p> <p><input type="checkbox"/> Interactive Events</p> <p><input type="checkbox"/> Current Events</p> <p><input checked="" type="checkbox"/> Historical Events</p> <p><input type="checkbox"/> Showcases</p> <p><input checked="" type="checkbox"/> Simulations</p> <p><input type="checkbox"/> Tutorials</p>												
<input type="checkbox"/> Technology 	<input type="checkbox"/> Active Learning 														
<input type="checkbox"/> Geography 	<input checked="" type="checkbox"/> Collaborative 														
<input type="checkbox"/> Social Studies 	<input type="checkbox"/> Problem-based 														
<input type="checkbox"/> Language Arts 	<input type="checkbox"/> Role Play 			<p>NETWORKS</p> <p><input checked="" type="checkbox"/> Experts</p> <p><input type="checkbox"/> Leaders</p> <p><input checked="" type="checkbox"/> Scientists</p> <p><input type="checkbox"/> Role Models</p> <p><input type="checkbox"/> Collaborators</p>											