

SIOP Lesson Plan

Date: 04/29/2013 **Grade/Class/Subject:** Elementary English Grades 3 to 5

Unit/Theme: Astronomy

Content Standard(s):

- Ability to understand our planet and universe

<p style="text-align: center;">Key Vocabulary</p> <p style="text-align: center;">Planets Astronomy Earth Moon Sun</p>	<p style="text-align: center;">Supplementary Materials</p> <p style="text-align: center;">Planetarium (field trip to), tennis ball or an orange, felt tip pens, small table lamp with no shade.</p>
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SIOP Features					
<u>Preparation</u>		<u>Scaffolding</u>		<u>Grouping Options</u>	
<u>X</u>	Adaptation of Content	<u>X</u>	Modeling	<u>X</u>	Whole Class
<u>X</u>	Links to Background	<u>X</u>	Guided practice	<u>X</u>	Small groups
<u>X</u>	Links to Past Learning	<u>X</u>	Independent practice	<u>X</u>	Partners
<u>X</u>	Strategies incorporated	<u>X</u>	Comprehensible Input	<u>X</u>	Independent
<u>Integration of Processes</u>		<u>Application</u>		<u>Assessment</u>	
<u>X</u>	Reading	<u>X</u>	Hands-on	<u>X</u>	Individual
<u>X</u>	Writing	<u>X</u>	Meaningful	<u>X</u>	Group
<u>X</u>	Speaking	<u>X</u>	Linked to Objectives	<u>X</u>	Written
<u>X</u>	Listening	<u>X</u>	Promotes engagement	<u>X</u>	Oral

Key: SW = Students will; TW = Teacher will; SWBAT = Students will be able to...

Contains: Prior Knowledge/Building Background/Previous Learning		
<p>Content Objectives</p> <ol style="list-style-type: none"> 1. SWBAT describe the seasons that are caused by the tilt of the earth's axis in relation to its orbit. 	<p>Meaningful Activities</p> <ol style="list-style-type: none"> 1. SWBAT create mock orbit to see how the seasons change. 2. SWBAT record observations of their experiment and of what they saw at the planetarium. 3. SWBAT analyze the different seasons in different parts of the world. 	<p>Assessment:</p> <ol style="list-style-type: none"> 1. SW write reports about what they have learned from the planetarium as well as their experiment. 2. SW share what they are exploring. 3. SW use vocabulary words to explain their reports and data collected. 4. TW ask students to share what they explored, what they collected and have students show it to the whole class. 5. TW ask students what they have learned today.
<p>Language Objectives</p> <ol style="list-style-type: none"> 1. SWBAT write a paragraph describing what they saw with their experiment and at the planetarium. 		

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Wrap-Up:

Students do further research on the other planets.