

<b>Activity #1</b>	What is an ocean ecosystem?
<b>Time</b>	One 45 min. class session
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Copies of student worksheet <i>Ocean Life</i></li> <li>• Post-it notes</li> <li>• Chart paper</li> <li>• computers</li> </ul>
<b>Guiding Questions</b>	
<ol style="list-style-type: none"> <li>1. What type of organisms live in the ocean?</li> <li>2. Why is it important to study ocean ecosystems?</li> <li>3. How do energy resources affect ocean life?</li> </ol>	
<b>Plan</b>	
<ul style="list-style-type: none"> <li>○ KWL chart – What do you know about ocean ecosystems? What do you want to know?</li> <li>○ Watch Bill Nye <i>Ocean Life</i>, <a href="http://www.youtube.com/watch?v=lgmdlmD1p0">http://www.youtube.com/watch?v=lgmdlmD1p0</a> <ul style="list-style-type: none"> <li>○ Guiding Questions to ask during this part of the activity: What did you learn from watching the video? How does learning about ocean ecosystems help us minimize the impact of the energy resources?</li> <li>○ Students complete corresponding <i>Ocean Life</i> worksheet</li> </ul> </li> <li>○ Interactive My Ocean game from National Geographic <ul style="list-style-type: none"> <li>○ Guiding Questions to ask during this part of the activity: What did you observe from this activity about ocean life? What were your findings? What new things did you learn about marine organisms?</li> <li>• Discourse- How did what we learn from the video help us to better understand how to minimize the energy impact on the ocean environment?</li> </ul> </li> </ul>	
<b>Differentiation</b>	<ul style="list-style-type: none"> <li>• Give modified worksheet with fill-ins</li> </ul>
<b>ELL Modification</b>	<ul style="list-style-type: none"> <li>• Students can partner with an English speaking student to help with the computer activity</li> </ul>
<b>Check for Understanding</b>	Students completion of video worksheet and responses during discourse.