

<p><b>Lesson Topic: Life Cycles: Zooplankton</b> developed by Olga Tigue, Grade 2 Teacher, Milton Elementary School, Milton, Delaware</p>	
<p><b>Standards Addressed in this Lesson:</b> <b>NGSS 2-LS2 Ecosystems: Interactions, Energy, and Dynamics</b></p>	
<p><b>Learning Goals/Target for this Lesson</b></p>	
<p>Students will know:</p> <ul style="list-style-type: none"> <li>• Zooplankton: copepod</li> <li>• life cycle of copepod</li> <li>• whether the life cycle of a copepod is complete or incomplete</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• identify the stages of zooplankton's life cycle</li> <li>• compare the life cycle of zooplankton to the life cycles of a butterfly, mealworms and milkweed bugs</li> </ul>
<p><b>Lesson Essential Question:</b> How is an insect's life cycle similar or different to other life cycles? (ET)</p>	
<p><b>Activating Strategy:</b> Notebook file on Life Cycles</p>	
<p><b>Key vocabulary</b> to preview and vocabulary strategy:</p> <ul style="list-style-type: none"> <li>• zooplankton</li> <li>• copepod</li> <li>• metamorphosis</li> <li>• complete and incomplete metamorphosis</li> </ul>	
<p><b>Lesson Instruction:</b></p>	
<p>Learning activity:</p> <p>1. Explore the website: <a href="https://www.underthescope.udel.edu/plankton-information">https://www.underthescope.udel.edu/plankton-information</a> each child will have a laptop to have a guided exploration of the website</p> <p>2. Look at the life cycle of a copepod, identify the life stages, determine complete or incomplete</p>	<p>3. Graphic Organizer: Life Cycle Graphic Organizer</p> <p>4. Assignment: Create a flip book, the children pick a type of zooplankton from the "Magnify It" section and make a flip book.</p>
<p><b>Summarizing Strategy:</b> Play Kahoot</p>	