

## Unit Design Consideration

	<b>Questions for Teacher</b>	<b>Responses from the Teacher</b>
<b>W</b>	How will you help students know <i>where</i> they are headed and <i>why</i> (e.g. major assignments, performance tasks, and the criteria by which the work will be judged?)	<p>I will help my students know <i>where</i> they are headed in this unit and <i>why</i> by:</p> <ul style="list-style-type: none"> <li>❖ Challenging students to create a 3-D model of a cell. This model should have correct representations of the cell organelles, their structures and functions.</li> <li>❖ Assessing students' knowledge through a written research paper of informational text.</li> <li>❖ Argumentative writing and debates to see which cell organelle is the most effective.</li> <li>❖ Students will receive a rubrics to help them understand the criteria in which they will be judged for all assignments.</li> </ul>
<b>H</b>	How will you <i>hook</i> the students through engaging and thought-provoking experiences (issues, oddities, problems, and challenges); that point toward essential and unit questions, core ideas and performance tasks?	<p>I will hook my students through...</p> <ul style="list-style-type: none"> <li>❖ Having them imagine that they are traveling through the cells, and are microscopic themselves.</li> <li>❖ Challenging them to build a 3-D model of a cell, using craft materials, to replicate the structure and function of a cell and its organelles.</li> </ul>
<b>E</b>	What learning experiences will <i>engage</i> students in exploring the big ideas and essential and unit questions? What instruction is needed to <i>equip</i> students for the final performances?	<p>My students will engage in the following activities....</p> <ul style="list-style-type: none"> <li>❖ Completing notes.</li> <li>❖ Summarizing information from informational text.</li> <li>❖ Creating a 3-D model of a cell.</li> <li>❖ Writing a research paper about the cells and their organelles.</li> <li>❖ Conduct research and synthesize the information.</li> </ul>

<p style="text-align: center; font-size: 2em; font-weight: bold;">R</p>	<p>How will you cause students to <i>reflect</i> and rethink to dig deeper into the core ideas? How will you guide students in <i>revising</i> and <i>refining</i> their work based on feedback and self-assessment?</p>	<p>Students will reflect and rethink throughout the project by...</p> <ul style="list-style-type: none"> <li>❖ Completing self-reflection and lesson summary pages throughout their cell journal.</li> <li>❖ Peer collaboration and discussion during every lesson.</li> </ul>
<p style="text-align: center; font-size: 2em; font-weight: bold;">E</p>	<p>How will students <i>exhibit</i> their understanding through final performances and products? How will you guide them in <i>self-evaluation</i> to identify the strengths and weaknesses in their work and set future goals?</p>	<p>Students will exhibit their understanding by...</p> <ul style="list-style-type: none"> <li>❖ Completing the 3-D model of a cell.</li> <li>❖ Writing a written report of the cell and their organelles.</li> <li>❖ Completion of mini projects throughout the unit.</li> </ul>