

DRAFT - DO NOT COPY - FOR DISCUSSION/FEEDBACK PURPOSES ONLY

<p>Learning Cycle</p> <p><i>What lesson elements will support students' progress towards mastery of the learning objective(s)?</i></p> <p><i>*Elements do not have to be conducted in sequence.</i></p>	<p>Learning Activities</p> <p><i>What specific learning experiences will support ALL students' progress towards mastery of the learning objective(s)?</i></p>	<p>Resources/Materials</p> <p><i>What curricular resources/materials are available to facilitate the implementation of the learning activities?</i></p>	<p>Science and Engineering Practices</p> <p><i>What specific practices do students need to use in order to progress towards mastery of the learning objective(s)?</i></p>	<p>Disciplinary Core Ideas</p> <p><i>What core ideas do students need to understand in order to progress towards mastery of the learning objective(s)?</i></p>	<p>Crosscutting Concepts</p> <p><i>What crosscutting concepts will enrich students' application of practices and their understanding of core ideas?</i></p>
<p>Elicit: <i>How will you access students' prior knowledge?</i></p>	<p>Students revisit the lists created at the beginning of the unit entitled, "What We Know About Plants" and "What We Want to Know about Plants." Students are now knowledgeable enough to revise the information on the first list using evidence and they may be able to answer the questions they had on the second list.</p>		<p>Constructing Explanations and Designing Solutions:</p> <p>Constructing explanations and designing solutions in 3–5 builds on K–2 experiences and progresses to the use of evidence in constructing explanations that specify variables that describe and predict phenomena and in designing multiple solutions to design problems.</p> <p>Use evidence (e.g., observations, patterns) to support an explanation. (3-LS3-2)</p>		
<p>Explain: <i>How will you help students connect their exploration to the concept/topic under investigation?</i></p>	<p>Address questions students may still have. Allow them to complete post unit assessment.</p>				<p>Cause and Effect</p> <p>Cause and effect relationships are routinely identified and used to explain change. (3-LS3-2)</p>