

## Lesson Plan Template

<b>Grade: 7th</b>		<b>Subject: Life Science</b>	
<b>Materials:</b>		<b>Technology Needed:</b>	
<b>Instructional Strategies:</b> <ul style="list-style-type: none"> <li>🍏 Direct instruction</li> <li>🍏 Guided practice</li> <li>🍏 Socratic Seminar</li> <li>🍏 Learning Centers</li> <li>🍏 Lecture</li> <li>🍏 Technology integration</li> <li>🍏 Other (list)</li> </ul>		<b>Guided Practices and Concrete Application:</b> <ul style="list-style-type: none"> <li>🍏 Peer teaching/collaboration/cooperative learning</li> <li>🍏 Visuals/Graphic organizers</li> <li>🍏 PBL</li> <li>🍏 Discussion/Debate</li> <li>🍏 Modeling</li> </ul>	
<b>Standard(s)</b>		<b>Guided Practices and Concrete Application:</b> <ul style="list-style-type: none"> <li>🍏 Large group activity</li> <li>🍏 Independent activity</li> <li>🍏 Pairing/collaboration</li> <li>🍏 Simulations/Scenarios</li> <li>🍏 Other (list)</li> </ul>	
<b>Objective(s)</b>  Students will be able to explain some of the methods of reproduction in plants and why they are important for the individual plant  <b>Bloom's Taxonomy Cognitive Level</b> Understanding, knowledge		<b>Explain:</b>  <b>Differentiation</b> <b>Below Proficiency:</b> Choice on how to build their paper plane <b>Above Proficiency:</b> Can make their paper plane for way farther <b>Approaching/Emerging Proficiency:</b> Will create a plane and move the seed <b>Modalities/Learning Preferences:</b> Visual, Kinesthetic, auditory	
<b>Classroom Management- (grouping(s), movement/transitions, etc.)</b>		<b>Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules and expectations, etc.)</b>	
<b>Minutes</b>	<b>Procedures</b>		
	<b>Set-up/Prep:</b>  Power point w/ pictures		
5	<b>Engage: (opening activity/ anticipatory Set – access prior learning / stimulate interest /generate questions, etc.)</b>  Ask engaging question: How many of you ate something for lunch with a seed in it? Talk about fruits and have some pictures on the PowerPoint		
15	<b>Explain: (concepts, procedures, vocabulary, etc.)</b>  Introduce concepts from the PowerPoint for background info Include a variety of questions for discussion on the PowerPoint. Have the students turn and talk with the people around them		
8	<b>Explore: (independent, concrete practice/application with relevant learning task -connections from content to real-life experiences, reflective questions- probing or clarifying questions)</b>  Seed dispersal lab – description on PowerPoint		
10	<b>Review (wrap up and transition to next activity):</b>  Discussion about the dispersal lab we just did Share some examples of seeds  <b>Exit slip with 2 questions</b> Which seed characteristics are successful adaptations for effective dispersal?  Why do plants have fruit?		
<b>Formative Assessment: (linked to objectives)</b> Progress monitoring throughout lesson- clarifying questions, check-in strategies, etc.  Walk around to see how students are understanding information Ask discussion questions		<b>Summative Assessment (linked back to objectives)</b> <b>End of lesson:</b> Exit slip  <b>If applicable- overall unit, chapter, concept, etc.:</b>	

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Consideration for Back-up Plan:

**Reflection (What went well? What did the students learn? How do you know? What changes would you make?):**

Students really understood the content (based on answers from the exit slip). It was an enjoyable lab and got students out of their seats and moving around. I felt like the discussion questions were intriguing as well.

Consideration for next time:

- Larger fan for seed dispersal lab
- More examples of seeds for students to observe
- Another discussion questions from the context