

<b>Mansfield Public Schools Greenhouse Lesson Plan</b>	
<b>Lesson Title / Grade Level</b>	What do plants need? Grade: 1
<b>Content Area Objective(s)</b>	Students will be able to name some important requirements for plant growth (sun, water, soil, and room to grow)
<b>Science Goals And Objective(s)</b>	Students will be able to explain what a plant needs to grow. Students will know cause and effect of what happens when plants do not get the things they need for growth.
<b>Overview</b>	Students will observe and discuss different things plants need to grow.
<b>Time Needed/ Instructional Arrangements and Setting</b>	45 minutes ½ the class at a time In the greenhouse
<b>Prerequisites Or Pre-Teaching That Needs To Be Done</b>	Students will have some basic understanding of what a seed and plant are.
<b>Procedure</b>	<p>Initiation- Review parts of a seed and a plant. Now that we have learned about these, what do we need to help them grow? Brainstorm ideas up on the board.</p> <p>Procedure-</p> <ol style="list-style-type: none"> <li>1. Each student will get a packet about what plants need to grow. Read this packet and then each student will be able to color the pages.</li> <li>2. When students are done with packet, handout cause and effect worksheet. What happens when plants do not get the things they need?</li> <li>3. Each student will do cause and effect worksheet. They need to cut out effect squares and paste to right cause squares.</li> <li>4. After students are done, go over worksheet</li> <li>5. If time allows, students can color whatever they have not finished.</li> </ol> <p>Closure- Ask students to share what they learned about how plants grow. Ask them if they have ever seen a plant that did not get what it needed to grow and what happened?</p>
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Plant Needs Coloring Book</li> <li>• Scissors</li> <li>• Glue</li> <li>• Crayons</li> <li>• Cause and Effect Worksheet</li> </ul>
<b>Materials Notes</b>	
<b>Differentiation Strategies</b>	
<b>Assessment Strategies</b>	Students will be evaluated based on their participation in the class discussion and the completion of the worksheets.