

Mansfield Public Schools Greenhouse Lesson Plan	
Lesson Title / Grade Level	What Temperature is Best? Grade: 2
Content Area Objective(s)	<input type="checkbox"/> Students will know what temperature plants need in order to survive
Science Goals And Objective(s)	<input type="checkbox"/> Students will use skills central to inquiry and the scientific process (observing, predicting, inferring, measuring, etc.)
Overview	Students will conduct an experiment to see if plants can survive in different temperatures (hot in the sun, cold in the freezer, and moderate in the classroom) Students will understand that in nature, plant growth adjusts to different temperatures.
Time Needed/ Instructional Arrangements and Setting	30 minutes ½ the class at a time In the greenhouse
Prerequisites Or Pre-Teaching That Needs To Be Done	
Procedure	Initiation- Have students make predictions about what temperature is best for plants to grow in. Ask them what they think will happen to a plant that is kept in the freezer, in the classroom, and in the direct sun. Have the students put the plants in the proper places, and then have them write their predictions in their journals. Discuss plant growth in nature (how plants adapt to temperatures). Closure- Have the students share their predictions, discuss what they will be looking for when they make their observations at the beginning of the next class.
Materials	<input type="checkbox"/> Three identical plants <input type="checkbox"/> Journals
Materials Notes	
Differentiation Strategies	
Assessment Strategies	Students will be evaluated based on their participation in class discussion, and completion of their journals