

| <b>Mansfield Public Schools<br/>Greenhouse Lesson Plan</b> |  |
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| <b>Lesson Title / Grade Level</b>                          | Planting Herbs<br>Grade: 3   |
| <b>Content Area Objective(s)</b>                           | Students will apply their knowledge of how colonial herbs were grown to planting herb seeds, taking care of the plants, and transplanting the herbs outdoors in the spring   |
| <b>Science Goals And Objective(s)</b>                      | Students will know how to plant seeds<br>Students will know how to take proper care of plants<br>Students will know how to transplant herbs from the greenhouse into an outdoor garden   |
| <b>Overview</b>  | Students will spend three days (total of 1.5 hrs) planting herb seeds. They will be responsible for maintaining the plants in the greenhouse over the winter, and they will transplant the herbs into an outdoor garden in the spring  |
| <b>Time Needed/ Instructional Arrangements and Setting</b> | 30 minutes for three days<br>1/2 the class at a time<br>In the greenhouse  |
| <b>Prerequisites Or Pre-Teaching That Needs To Be Done</b> | Students need to have completed the "herb books" unit on different kinds of herbs, how they were used in colonial America, and how those herbs are grown.  |
| <b>Procedure</b>   | Initiation- Ask students what they remember about how herbs were grown. Tell them that they will be planting herb seeds and taking care of the plants until spring, when they will transplant them into an outdoor garden.<br><br>Procedure- Students will work in groups to plant their seeds. Go over with the class what seeds/plants need to grow. Show students how to plant seeds. Have them fill their containers with soil, discuss that seeds should be planted to a depth that is equal to the width of the seed, cover the seeds with soil, and most importantly- WATER! Make sure students label their pots.<br><br>Closure- Ask students what they need to do to maintain the growth of these plants. Prompt for answers such as, make sure plants have light, air, water, etc. Ask students what they learned. |
| <b>Materials</b>   | <input type="checkbox"/> Seeds (sage, mint, chamomile, chives, lambs ear, thyme, basil, parsley)<br><input type="checkbox"/> Soil<br><input type="checkbox"/> Pots<br><input type="checkbox"/> Water<br><input type="checkbox"/> Gloves<br><input type="checkbox"/> Plant labels<br><input type="checkbox"/> Label marking pens  |
| <b>Materials Notes</b>                                     | Bought seeds for planting at Capriland's Herb Farm in Coventry   |
| <b>Differentiation Strategies</b>                          | Students will be assigned to groups based on their need for supervision & teacher assistance   |
| <b>Assessment Strategies</b>                               | Students will be evaluated based on their participation in the activity and the discussion about how to plant seeds & what plants need to grow   |

