

**Mansfield Public Schools  
Greenhouse Lesson Plan**

<b>Lesson Title / Grade Level</b>	Medicinal Herbs in Colonial America Grade: 3
<b>Content Area Objective(s)</b>	<ul style="list-style-type: none"> <li>• Students will know some of the medicinal uses of herbs grown in colonial America</li> <li>• Students will be able to name some colonial herbs that were used for medicinal purposes</li> <li>• Students will understand the differences between how injuries and illnesses were treated in colonial America and how the same injuries and illnesses are treated now</li> </ul>
<b>Science Goals And Objective(s)</b>	
<b>Overview</b>	Students will be taught about lambs ear, chamomile, garden heliotrope, wormwood, and witch hazel. These were some herbs grown in colonial America that were used for medicinal purposes. Students will learn the functions and uses of each herb, as well as how they were grown.
<b>Time Needed/ Instructional Arrangements and Setting</b>	30 minutes ½ the class at a time In the greenhouse
<b>Prerequisites Or Pre-Teaching That Needs To Be Done</b>	Students need to have a basic understanding of life in colonial America (a colonial household could not function properly without an herb garden).
<b>Procedure</b>	<p>Initiation- Ask students what they remember about the previous lesson (culinary herbs in colonial America). Remind them that they learned about how different herbs were used for different things in colonial America. Ask them if they lived in colonial America how they would cure sickness or injuries. Ask if they could just go to the store and buy medication. Tell them they will be learning how people who lived then treated illness or injury.</p> <p>Procedure- Discuss each herb, showing students pictures and talking about what each herb was used for. Compare this to how we would treat the same problems now. Lamb's ear was used to bind wounds, chamomile was used in a tea for insomnia, garden heliotrope was used for headaches, wormwood was used for stomachaches, and witch hazel was used as a sedative. Have students complete an herb worksheet (page in their herb book) for each example.</p> <p>Closure- Ask students what they learned about medicinal herbs. Prompt for responses that compare treatment of illness and injuries with herbal remedies versus our "modern" remedies.</p>
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Pictures of the herbs</li> <li>• Herb books</li> <li>• Pencils</li> <li>• Examples of Herbs (if possible)</li> </ul>
<b>Materials Notes</b>	

<b>Differentiation Strategies</b>	Pictures for visual learners, spoken explanation for auditory learners
<b>Assessment Strategies</b>	Students will be evaluated based on their participation in the class discussion, and completion of the pages for each herb