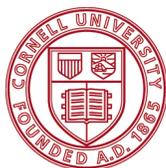


## Integrating a Garden into the School Curriculum

School gardens are living laboratories for learning! There are many different ways to integrate a garden into the school curriculum. Here are just a few examples:

Curriculum	Example of Garden-Based Activities
<b>Language Arts</b>	<ul style="list-style-type: none"> <li>• Read &amp; write seasonal stories and poems</li> <li>• Make a garden scrap book</li> <li>• Produce a school garden newsletter</li> </ul>
<b>Math</b>	<ul style="list-style-type: none"> <li>• Count the number of seeds, plants, and flowers per plant</li> <li>• Use fractions &amp; percentages to calculate the number of seeds that germinate</li> <li>• Measure plant heights</li> <li>• Collect rainfall measurements</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>• Investigate what plants need in order to grow</li> <li>• Observe the life cycle of a plant</li> <li>• Watch and record changes in the garden through the seasons</li> <li>• Create beneficial habitats for wildlife and monitor the results</li> <li>• Make weather observations through the seasons</li> </ul>
<b>Geography</b>	<ul style="list-style-type: none"> <li>• Study the water cycle</li> <li>• Make different scale drawings and maps of the garden</li> </ul>
<b>Computers</b>	<ul style="list-style-type: none"> <li>• Use data collected in math and science class to produce graphs and charts on the computer</li> <li>• Investigate garden topics on the Internet</li> <li>• Upload gardening news onto the school website</li> </ul>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• Interview older gardeners to find out how gardening practices have changed</li> <li>• Cook different kinds of traditional foods from the garden harvest</li> </ul>
<b>Art</b>	<ul style="list-style-type: none"> <li>• Make collages using natural materials</li> <li>• Draw &amp; paint the garden at different stages</li> <li>• Create posters to publicize the garden for fundraising</li> <li>• Photograph the gardening year</li> </ul>
<b>Physical Education</b>	<ul style="list-style-type: none"> <li>• Get exercise through weeding and harvesting</li> <li>• Try new fruits and vegetables and learn about healthy eating</li> </ul>
<b>History</b>	<ul style="list-style-type: none"> <li>• Study plants and their traditional uses as food, medicine, dyes, etc.</li> <li>• Study gardening through history (i.e. victory gardens)</li> </ul>

\*Adapted from [www.gardeningwithchildren.co.uk](http://www.gardeningwithchildren.co.uk)



**Cornell University**  
Cooperative Extension

