

## Grade 4 Benchmarks

Activity	Language Arts	Mathematics	Science	Social Studies
<b>Landscape Horticulture</b>				
1. <i>Rooms</i> - To understand that areas within a space serve a special purpose and to define those areas.			1, 3	3, 4
2. <i>People and Places</i> - To understand that different people use yard space differently.	6, 13, 14, 18, 19, 20, 21, 24, 26, 28, 34, 39		1, 3	3, 4
3. <i>Money Trees</i> - To understand that trees help to save energy and money.			1, 2	3, 4
4. <i>Site Map</i> - To experience an initial step in the landscape design process.		6, 14, 17, 18, 30, 31, 32, 34, 35, 37	3	3, 4
1. <i>Nature Wheels</i> - To build a color wheel from items found in nature and understand the relationship of one color to another.	1, 13, 15		1	
2. <i>Texture Collection</i> - To understand how the design element, "texture," is used to visually create interest in the landscape.	1, 2, 3, 13, 15		1	3, 4
3. <i>Same Sides</i> - To understand the element of design, "balance," using symmetrical and asymmetrical visuals.	1, 2, 3, 10	14, 16, 17, 18, 21, 25	3	3, 4
4. <i>Does it Fit?</i> - To demonstrate understanding of the design element, "proportion."		6, 7, 14, 17, 18, 30, 33, 34, 37	3, 10	3, 4
1. <i>Tearing Trees</i> - Learning to identify trees based on their classification and shape.	11, 12, 13, 15, 16, 17, 18, 19	35, 37	1, 2	
2. <i>How Tall is that Tree?</i> - To measure the height of a large tree.		1, 2, 5, 6, 7, 8, 14, 17, 18, 30, 31, 32, 33, 34, 35	3, 9, 10	
3. <i>Learning Your ABP's</i> - To understand plant classifications.			1, 2	
4. <i>Great Green Grass</i> - Selection of grasses should be based upon care and maintenance requirements.	1, 13, 15		1, 2	
1. <i>Arbor Day</i> - Understanding that trees are an important natural resource and ways people celebrate their friend, the tree.	1, 13, 15		1, 2	3, 4
2. <i>Do it Right</i> - To demonstrate through creative dramatics the proper way to plant a tree.	1, 10, 13, 15			3, 4
3. <i>Seed, Sod, &amp; Plugs</i> - To become familiar with different methods used in establishing a lawn.	1, 10, 13, 15		1, 2, 7, 10	
1. <i>An Inch of Water</i> - Understanding lawnscape water use and water conservation and money saving through proper use of irrigation systems.		2, 4, 14, 16, 17, 18, 22, 31, 32, 34, 36	1, 2, 5, 10	
2. <i>Pruning Places</i> - To learn reasons why plants are pruned and proper pruning techniques.		6, 30, 37	1, 2, 7, 8	
3. <i>More Mulch, More Moist</i> - To study the effects of mulch on conserving water.		1, 2, 5, 6, 8, 30, 35, 37	1, 2, 7	3, 4

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4. <i>Queen Bud</i> - To learn the difference between terminal buds and lateral buds and their effects on plants.	1, 10		1, 10	