## TREE Fund Activities Virginia Standards of Learning Addressed

### 25 integrated activities total, September 2014-May 2015

<table>
<thead>
<tr>
<th>Visit</th>
<th>Activity</th>
<th>Science SOL</th>
<th>Math SOL</th>
<th>Language Arts SOL</th>
<th>Social Studies SOL</th>
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<tbody>
<tr>
<td><strong>BEF 1, September</strong></td>
<td>Tree Cookies (Project Learning Tree)</td>
<td>3.1 a, b, g, h, j, k</td>
<td>3.4</td>
<td>3.1</td>
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<td></td>
<td>Investigation Station (Tree shadow/length)</td>
<td>3.1</td>
<td>3.4</td>
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<td></td>
<td>Tree ID by Leaves (leaf observations)</td>
<td>3.1</td>
<td>3.1 a, b, c</td>
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<td></td>
<td>American Chestnuts</td>
<td>3.1, 3.6, 3.10</td>
<td>3.3, 3.10, 3.17</td>
<td>3.1</td>
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<td></td>
<td>Tree planting &amp; Tree care</td>
<td>3.4, 3.7 a, 3.8 c, 3.9 d</td>
<td>3.9</td>
<td>3.1</td>
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<td><strong>BEF 2, January</strong></td>
<td>Properties of leaves</td>
<td>3.1, 3.3</td>
<td>3.3</td>
<td>3.1</td>
<td>3.6</td>
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<td>Seed to Superlative (tree life cycle)</td>
<td>3.8, 3.10</td>
<td>3.9, 3.17</td>
<td>3.1</td>
<td>3.6</td>
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<td></td>
<td>Evergreen Tree ID</td>
<td>3.1, 3.4</td>
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<td>3.1</td>
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<td></td>
<td>Build a Tree Journal</td>
<td>3.1 k</td>
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<td>3.1</td>
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<td>BEF 3, April</td>
<td>Soil experiment (an already existing lesson from BEF Soils program)</td>
<td>3.1&lt;br&gt;3.7</td>
<td>3.1&lt;br&gt;3.11&lt;br&gt;3.17</td>
<td>3.1</td>
<td>3.6</td>
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<td>Forest layers</td>
<td>3.1 a,c,h,j,k&lt;br&gt;3.4 a &amp; b&lt;br&gt;3.5 b&lt;br&gt;3.6 b</td>
<td>3.1&lt;br&gt;3.2</td>
<td>3.1</td>
<td>3.6</td>
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<td>How the forest grows (tree measurements)</td>
<td>3.1&lt;br&gt;3.8&lt;br&gt;3.10</td>
<td>3.9&lt;br&gt;3.17</td>
<td>3.1&lt;br&gt;3.2&lt;br&gt;3.4 b &amp; f&lt;br&gt;3.6 e &amp; f&lt;br&gt;3.7 a &amp; b</td>
<td>3.1&lt;br&gt;3.6</td>
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<td>Decomposition station</td>
<td>3.1&lt;br&gt;3.5&lt;br&gt;3.6&lt;br&gt;3.8</td>
<td>3.9&lt;br&gt;3.10&lt;br&gt;3.17 a&lt;br&gt;3.20</td>
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<td>3.6</td>
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<td>Pillbug book &amp; observations</td>
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<td>3.1&lt;br&gt;3.3&lt;br&gt;3.6</td>
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<td>School 1, December</td>
<td>Schoolyard Trees in Winter (Trees as habitat)</td>
<td>3.1 a,b,h,j,k&lt;br&gt;3.4 a, b&lt;br&gt;3.6 b&lt;br&gt;3.10 a</td>
<td>3.1&lt;br&gt;3.2</td>
<td>3.1&lt;br&gt;3.6</td>
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<td>School yard trees- Math/How do they grow? (Measuring tree perimeter)</td>
<td>3.1 a, c, h, k</td>
<td>3.9&lt;br&gt;3.14&lt;br&gt;3.17</td>
<td>3.1</td>
<td>3.6</td>
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<td></td>
<td>Making bird feeders</td>
<td>3.10</td>
<td>3.1</td>
<td>3.6</td>
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<td>Fiction &amp; Non-fiction book pairing</td>
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<td>3.1&lt;br&gt;3.4&lt;br&gt;3.5&lt;br&gt;3.6</td>
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<td>Tree haiku</td>
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<td>3.1&lt;br&gt;3.8&lt;br&gt;3.10</td>
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| School 2, February | Seeds in different soils (experiment) | 3.1  
3.7  
3.8 | 3.9  
3.17 | 3.1 | 3.6 |
|-------------------|-------------------------------------|-------|--------|-----|-----|
|                   | Using a tree guide                  | 3.1c  | 3.1    | 3.4b & f  
3.6 e & f  
3.7 b | |
|                   | Water Cycle Journey (modified from  | 3.9   | 3.3    | 3.1 | 3.2 |
|                   | Incredible Journey  Project WET)    | 3.7   |        |     |     |
|                   | Grapes of Class (What happens to a  | 3.1   | 3.17   | 3.1 | 3.6 |
|                   | plant when water changes state?)    | 3.3c  |        |     |     |
|                   |                                     | 3.9   |        |     |     |
| School 3, May     | Tree planting & Tree Care           | 3.4   | 3.1    |     |     |
| (High School)     |                                     | 3.7 a | 3.1 a  |     |     |
|                   |                                     | 3.8 c | 3.8 c  |     |     |
|                   |                                     | 3.9 d | 3.9 d  |     |     |
|                   | Making a time capsule               |       | 3.1    | 3.10|     |
|                   | Tree Factory (PLT activity)         |       | 3.1    |     |     |