LEAF IDENTIFICATION

<table>
<thead>
<tr>
<th>Objective</th>
<th>Given the class Zoho Wiki page and the dichotomous key about leaves, students will correctly identify 20 of the 24 pictures of leaves posted to the wiki.</th>
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| Materials | • Wiki Page  
• Camera  
• Paper  
• Leaves |
| Overview  | The students will take pictures of a leaf from their backyard and post the picture to the class Wiki. Each student will then identify each of the leaves posted by their classmates. |
| Procedure | 1. After a class discussion about dichotomous keys, leaves, their characteristics, and what makes them different on different trees, explain the project to students.  
2. Tell the students that they will go home and take a picture of one leaf from their backyard.  
3. Have them post it to the zoho wiki page that you created for this project.  
4. Give them a few days to complete this task, and once everyone has posted a leaf, tell them they need to look at all of them and try to identify them.  
5. Have them record the type of tree that each leaf comes from and the defining characteristics of that leaf that made them decide that.  
6. Allow them to use their dichotomous key to identify the leaves.  
7. Have them bring in their results to go over as a class. Pull up the wiki page for all students to see as you talk about each of the leaves. |
| Evaluation | Collect the student’s sheets that they recorded the information about each of the leaves on. Check to make sure they had at least 20 of them correctly identified. |

Adapted from: http://www.museum.state.il.us/ismdepts/botany/herbarium/LeafCollection_Lesson.html
Elementary Lesson