# Leafy Learning: Identification Characteristics for Leaves
## Activity #1 - Test Your Knowledge - ANSWERS

### Leaf Arrangement

Now that you're a leaf expert, let's test your skill! Using the "Native Tree Leaves in your Neighbourhood" biodiversity sheet, sort the following leaves into the appropriate columns. Go back to the leaf characteristic sheets if you need help!

Red Maple, Honey Locust, Ohio Buckeye, Staghorn Sumace, Tulip Tree, Kentucky Coffeetree, American Beech

| Simple | Palmately Compound | Pinnately Compound | Bipinnately Compound |
|---|---|---|---|
| Red Maple<br>Tulip Tree<br>American Beech | Ohio Buckeye | Honey Locust<br>Staghorn Sumac | Kentucky Coffeetree |

### Leaf Margins

Now, let's take a look at leaf margins. Using the "Native Tree Leaves in your Neighbourhood" biodiversity sheet, sort the following leaves into the appropriate columns:

Tulip Tree, Sassafras, Elm, Common Hop-Tree, Paw Paw, Black Walnut, Birch

| Entire | Lobed | Toothed | Compound |
|---|---|---|---|
| Paw Paw | Tulip Tree<br>Sassafras | Elm<br>Birch | Common Hop-Tree<br>Black Walnut |

# Activity #1 - Test Your Knowledge continued - ANSWERS

## All Leaf Characteristics

Now you're ready for the big test!  Can you correctly classify all of these leaves from your "Native Trees in your Neighbourhood" sheet?

| | | | | | |
|---|---|---|---|---|---|
| Kentucky Coffeetree | Butternut | Mountain-Ash | Ash | Ohio Buckeye | Sugar Maple |
| American Sycamore | Tulip Tree | Red Oak | Bur Oak | Redbud | Largetooth Aspen |
| Hackberry | Ironwood | American Beech | Hawthorn | Dogwood | Paw Paw |

| Simple Entire | Simple Toothed | Simple Palmately Sharply Lobed | Simple Palmately Rounded Lobed |
|---|---|---|---|
| Redbud<br>Dogwood<br>Paw Paw | Largetooth Aspen<br>Hackberry<br>Ironwood<br>American Beech<br>Hawthorn | Tulip Tree<br>Red Oak | Bur Oak |

| Simple Palmately Lobed | Palmately Compound | Pinnately Compound | Bipinnately Compound |
|---|---|---|---|
| Sugar Maple<br>American Sycamore | Ohio Buckeye | Butternut<br>Mountain-Ash<br>Ash | Kentucky Coffeetree |