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TREE SYMMETRY JOURNAL

A program of the

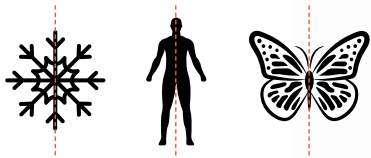


American
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Did you know that plants have symmetry? Something has symmetry when a line can be drawn through the middle and the object is the same on both sides.



Are you ready to learn about the symmetry of trees?

RED MAPLE TREES

Did You Know?

- Their fruits (called samaras) provide food for squirrels and many other rodents.
- Their tender shoots provide food for rabbits and deer.
- The nation's largest red maple is in Great Smokey Mountains National Park. It is 141 feet tall and its trunk has a 7-foot diameter.

RED MAPLE LEAF



SYCAMORE SEED STRUCTURE

Can you finish these drawings using plant symmetry? Feel free to use the same colors, or use your creativity to mix colors up!





OAK TREES

Did You Know?

- Oaks provide shelter to many animals such as squirrels, birds, and caterpillars.
- Their acorns are an important source of food for these animals.
- There are approximately 500 species of oaks in the world.



**OAK
LEAF**



**OAK
ACORN**

Can you finish these drawings using plant symmetry? Feel free to use the same colors, or use your creativity to mix colors up!





SYCAMORE TREES

Did You Know?

- They are sometimes called buttonball trees because of their globose (globe-like) seed structures.
- They can grow up to 100 feet tall.
- They have patchy bark. As the outer bark flakes off, inner bark appears in shades of white, gray, green, and yellow.



SYCAMORE LEAF



RED MAPLE SEEDS

Can you finish these drawings using plant symmetry? Feel free to use the same colors, or use your creativity to mix colors up!

