



# STEM Challenge

## EXPLORING FALL FOLIAGE

As temperatures begin to dip and leaves change color, it is an optimal time to take a nature walk and collect a variety of leaves.

### **Challenge 1:**

Collect several different types of leaves. Place the leaves under a sheet of white paper and rub a crayon or pencil over the leaf beneath the paper. What shapes do you see? What parts do you see? How are the parts different for different leaves?

### **Challenge 2:**

Can you identify and collect fallen leaves from a variety of Iowa trees: Ash, Elm, Hickory, Maple (soft), Maple (hard), Bur Oak, Oak (red) and Oak (White).

### **Tree identification resource:**

[Iowa Tree Guide](#)