ACTIVITY WORKSHEET · AGES 5–10

# Count Leaf Veins with Sofia

Let's practice the scientific method



**SOFIA'S TIP**

Count both sides of the middle line each time.

Name _____ Date _____

**SCIENTIFIC METHOD**

You'll need: Three fallen leaves from the same tree, a ruler and a pencil.

## 1 Ask a question

Do the longer leaves have more large side veins?

## 2 Make a hypothesis

I think the longer leaves will have ___ because ___.

## 3 Experiment

Measure each leaf from base to tip, without the stem. Count the large veins that branch from the middle line.

**Record each leaf:**

**Leaf A: length _____ veins _____**

**Leaf B: length _____ veins _____**

**Leaf C: length _____ veins _____**

## 4 Analyze the data

Put the leaves in order by length. Do the vein counts rise too?

## 5 Share your conclusion

Tell a partner what your three leaves showed.

**The STEM Squad**

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