ACTIVITY WORKSHEET · AGES 5–10

Look Closely with Sofia

Practice the Scientific Method



SOFIA'S TIP

"Good scientists test more than once!" Try a second leaf. Do you get the same result?

Name _____ Date _____

THE SCIENTIFIC METHOD

You'll need: a fallen leaf, a pencil and crayons.

1. Ask a question

Is a leaf the same color on both sides?

2. Make a hypothesis

A hypothesis is a guess you can test. I think the two sides will be:

☐ the same color ☐ different colors

because _____

3. Experiment

Look at the top of the leaf. Flip it over and look at the bottom in the same light. Draw and color what you see.

Top side	Bottom side

4. Analyze the data

The two sides were: ☐ the same color ☐ different colors

My hypothesis was: ☐ right ☐ not right this time

5. Share your conclusion

Tell a grown-up or a friend what you found.

I found out _____

_____

Next I want to test _____

The STEM Squad

Read their books at thesquadbooks.com