

Observe two leaves

Name: _____ Class: _____ Date: _____

Describe details you can locate in the image. If they are unclear, say so. Your drawing should help someone else find what you observed.

Sample A: observation record

Identifier: _____ Area observed: _____

Draw and label two details

1. _____

2. _____

3. _____

Three observations, without assigning a cause yet.

Sample B: observation record

Identifier: _____ Area observed: _____

Draw and label two details

1. _____

2. _____

3. _____

Three observations, without assigning a cause yet.

Compare and propose

Use the records on the previous page. If you changed how you viewed the images, explain how this could affect the comparison.

1. One similarity and one difference

State where you see them. Avoid claiming actual sizes without a calibrated scale.

2. A possible explanation

Write a hypothesis. Could another explanation also fit what you observed?

3. What information is missing?

What data or new comparison would help test your hypothesis?

4. Revise a sentence after talking to another pair

Before, I thought... / Now, I would say... / I changed it because...

Remember: a photograph alone does not establish a leaf's age or identify a pigment. Distinguish what you observe from what you know through other sources.