

WORKSHEET 7.5

**Autotroph Inquiries: Do Plants
Respire or Photosynthesize?**

Post-Investigation Analysis

1. What can you conclude from your experiment? What is the answer to the question in the worksheet title? What is your evidence?

2. How confident are you of your experimental results? How could you improve your experiment if you were going to redo it?

3. Explain the "purpose" of photosynthesis.

4. Explain the "purpose" of cellular respiration.

5. What would happen to a plant if it could photosynthesize but it lost its ability to carry out cellular respiration? Explain.
