

Name: _____

Date: _____



SOIL ♦ Student Worksheet

Lesson 2 ♦ Compost

Grades 6th-8th

Welcome!

In this lesson, we will be learning all about composting. We will take a close look at the compost ingredients and the organisms that live in the compost system

As you watch the video, try to fill in the blanks and answer the questions below.

Let's learn about _____:

1. What do you already know about composting? Write down your ideas here:

2. What does anaerobic and aerobic mean?

3. What are the 4 compost ingredients?
 - 1.
 - 2.
 - 3.
 - 4.

4. What is the ideal carbon to nitrogen ratio (C:N)? _____ : _____

5. What are the 3 stages of composting AND which organisms are most active in each stage?

STAGE 1:

STAGE 2:

STAGE 3:

Follow Up

Composting is a way to reduce the amount of waste that goes to our landfills. Can you think of some benefits to keeping our food waste out of landfills?

What are some other things in your life that you would normally consider trash that you could repurpose or reuse as something new? Get creative!

Activity: Compost in a Jar

Before creating your compost in a jar, write down what you are using as nitrogen sources (greens) and carbon sources (browns) for your compost:

Nitrogen Sources	Carbon Sources

What do you notice after 1 week?

What do you notice after 2 weeks?

What do you notice after 3 weeks?

How long did it take for your compost to turn into soil? _____