

Lesson 1: Introduction to Mycology

Mycology is the study of _____.

The mushroom is the part of the fungus that releases the _____.

Ectomycorrhizal fungi live in the _____.

One place where saprobic fungi grow is _____ wood.

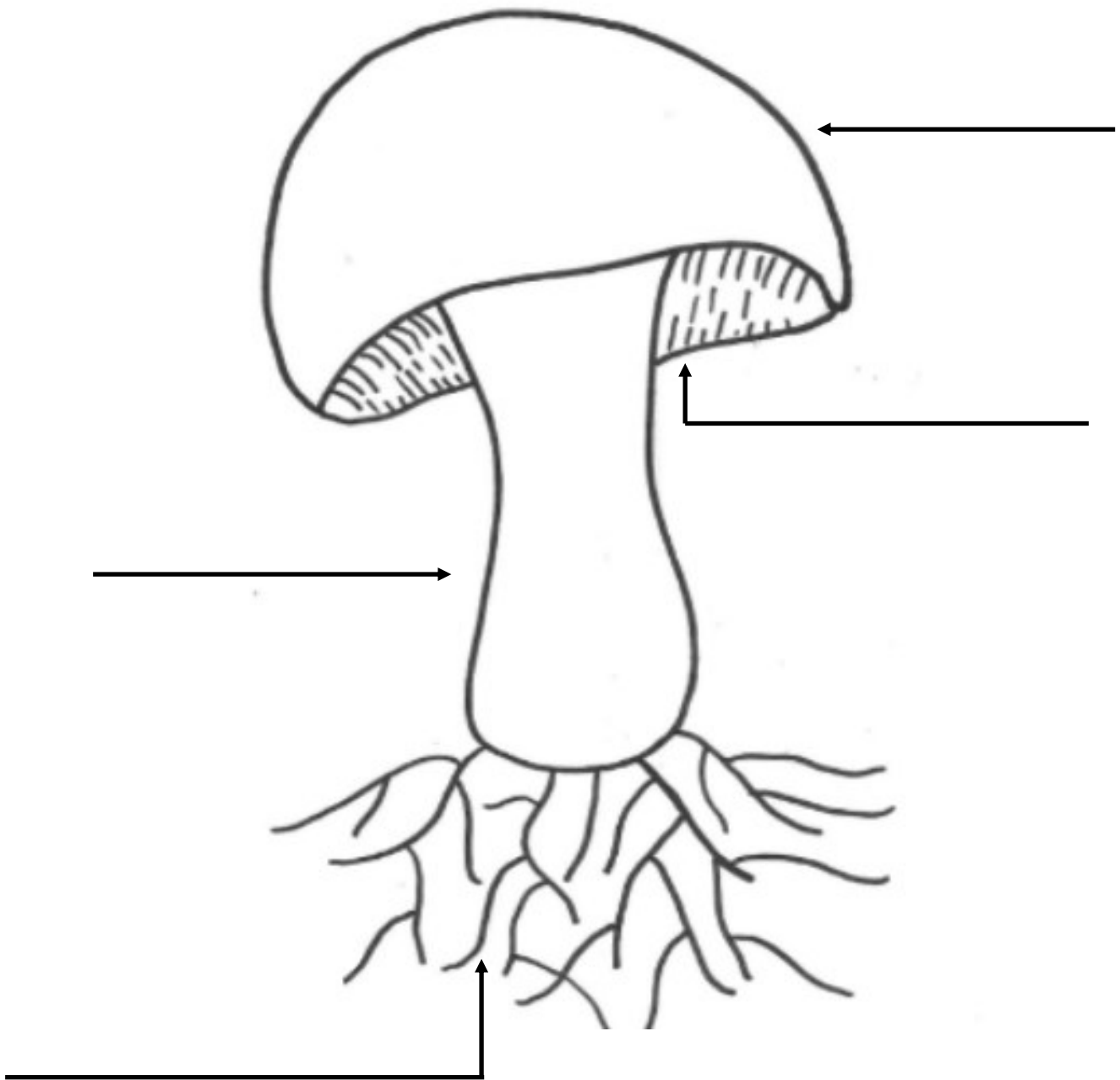
Fungi help move _____ and water through the forest.

What are two reasons fungi are important?

What is something you find interesting about fungi?

Lesson 2: The Fungal Life Cycle

Label the Parts of the Fungus



Lesson 2 Continued: The Fungal Life Cycle

Another name for mushroom is _____.

Another name for the stem is the _____.

The spores come from underneath the _____.

Mushrooms tend to pop up after it _____ because they like humidity in the air.

A single thread of mycelium is called a _____.

Fungi communicate with pheromones to form a hyphal _____.

When we grow mushrooms, we are primarily taking care of _____.

Hands-On: Making a Spore Print

You can use this pre-made paper to make your spore print, or you can make your own as described in the video.

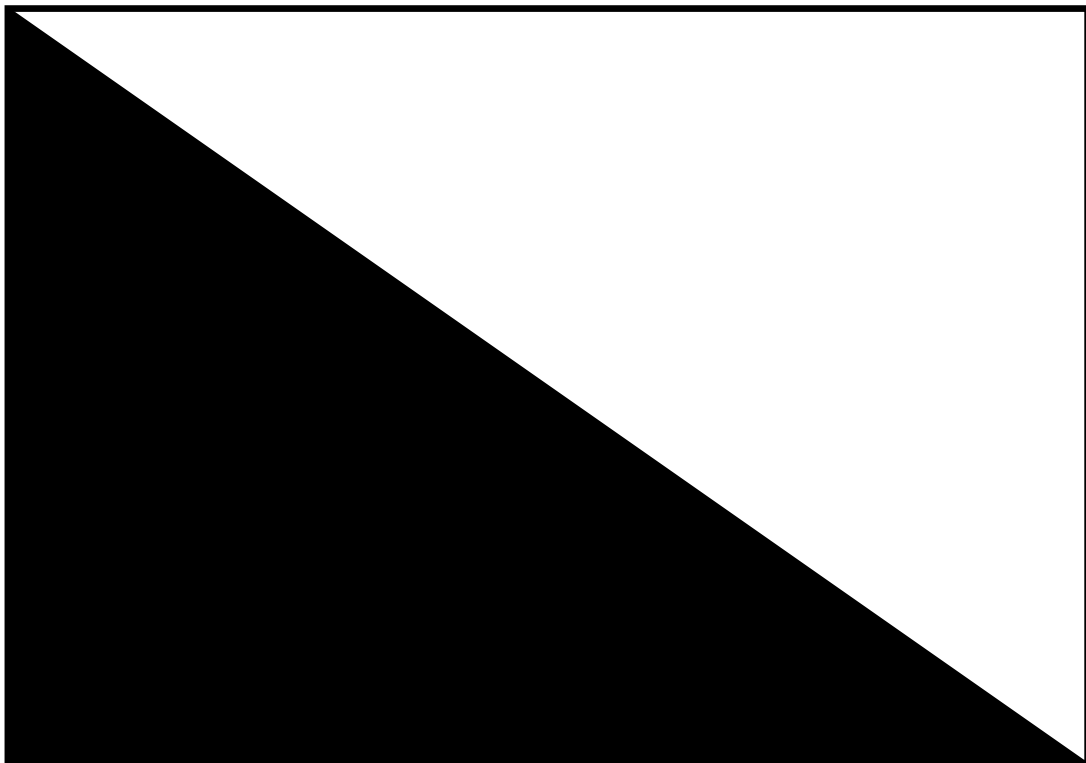
Where did you buy or find this mushroom _____

Do you know what kind it is?

_____ No, I do not know what kind of mushroom this is.

Yes! It is a _____

What color do you expect the spore print to be? _____



What color did your spore print turn out to be? _____

Lesson 3: The Four Main Types of Fungi

The four main types of fungi are mycorrhizal fungi, saprobic fungi,
_____ fungi and _____ fungi.

Which of these four types do you think you see most often where you live?

You are on a hike in the woods and you see a mushroom growing on a tree that has fallen over and is lying on the ground. What type of mushroom is this and what is it doing?

It's the year 2040. You have decided to become a mushroom farmer. Which type or types of mushrooms will you grow and why?
