

UNIT OF STUDY

Title: Classification of Fungi	Subject/Course: Biology	Length: 1 week
Topic: Classification and the Diversity of Life (4)	Grade: 10 th grade	Designer: Woods
UNIT GOALS AND EXPECTATIONS		
<p>IMPORTANT CONCEPTS/UNDERSTANDINGS: The great diversity of organisms is the result of more than 3.5 billion years of evolution that has filled every available niche with life forms. Natural selection and its evolutionary consequences provide a scientific explanation for the fossil record of ancient life forms, as well as for the striking molecular similarities observed among the diverse species of living organisms. The millions of different species of plants, animals, and microorganisms that live on earth today are related by descent from common ancestors. Biological classifications are based on how organisms are related. Organisms are classified into a hierarchy of groups and subgroups based on similarities which reflect their evolutionary relationships. Species is the most fundamental unit of classification.</p>	<p>ESSENTIAL QUESTIONS: What are fungi? What are the role of fungi in natural ecosystems?</p>	
<p>STUDENT LEARNING EXPECTATIONS: CDL.7.B.13 Compare and contrast fungi with other eukaryotic organisms CDL.7.B.14 Evaluate the medical and economic importance of fungi</p> <ul style="list-style-type: none"> ▪ Shataki/Portobella Industry in Arkansas 		
<p>SPECIFIC DECLARATIVE KNOWLEDGE – What I know Identify the defining characteristics of fungi. Describe the main functions of fungi. Explain how fungi reproduce. Identify the characteristics of the four main groups of fungi. Explain what the ecological role of fungi is.</p>	<p>SPECIFIC PROCEDURAL KNOWLEDGE – What I need to do Describe the main structures and uses of fungi.</p>	
UNIT ASSESSMENTS		
(Include tasks related to Dimensions 3 and 4 and Bloom’s Taxonomy)		
“Fungi Lab” Assignment		
<p>Traditional Assessments: Field Trip Assignment Test Quiz</p>	<p>Other Evidence of Learning: “Fungi Lab” Assignment</p>	
ACTIVITIES AND LEARNING EXPERIENCES		Resources
“Fungi Lab” Group Identification of Mushroom Parts Fungi Identification Powerpoint Shiitake Mushroom Center Field Trip		Prentice Hall Textbook-Biology Internet Powerpoint Shiitake Mushroom Center
Career Connections		
Add career connection		