



Biology

Teacher's Guide

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Unit 2: Simple Organisms

Unit 2 introduces Earth's simplest organisms: bacteria, protists, and fungi. Lesson 8 gives an overview of archaeobacteria and eubacteria, with a brief introduction to viruses. Lesson 9 discusses the protist kingdom, including plantlike protists, animallike protists, and funguslike protists. Lesson 10 presents the role, structure, and diversity of fungi.

Lesson 8—Archaeobacteria and Eubacteria

Goal: To learn about archaeobacteria and eubacteria

WORDS TO KNOW

anaerobic	cocci (singular <i>coccus</i>)	nucleoid
antibiotics	eubacteria	prokaryote
archaeobacteria	flagella	spirilla (singular <i>spirillum</i>)
bacilli (singular <i>bacillus</i>)	gram-negative	viruses
bacteria (singular <i>bacterium</i>)	gram-positive	
binary fission	microscopic	

Lesson 9—Protists

Goal: To learn about the different classes of protists

WORDS TO KNOW

algae (singular <i>alga</i>)	parasites	pseudopod
algal bloom	plasmodium	spores
cilia	protist	toxin
eukaryote	protozoans	

Cycle

Write the important stages of the cycle in the boxes. Add or delete boxes as needed.

