

TEKS

- 8B** Categorize organisms using a hierarchical classification system based on similarities and differences shared among groups
- 8C** Compare characteristics of taxonomic groups, including archaea, bacteria, protists, fungi, plants, and animals
- 11C** Summarize the role of microorganisms in both maintaining and disrupting the health of both organisms and ecosystems
- 12A** Interpret relationships, including predation, parasitism, commensalism, mutualism, and competition among organisms

instructional content:

- ✦ Diversity of Kingdom Protista
 - Animal-like protists
 - Plant-like protists
 - Fungi-like protists
- ✦ Protist Reproduction
- ✦ Ecological Roles of Protists
 - Producers
 - Decomposers
 - Provide shelter
 - Cause disease
- ✦ Diversity of Fungi
 - Characteristics
 - Structure and function
 - Types of shapes
- ✦ Fungi Reproduction
- ✦ Ecological Roles of Fungi
 - Decomposers
 - Pathogens
 - Mutualists

learning outcomes students will:

- Use all content and scientific process skills learned earlier in the course
- Explain why the Kingdom Protista is difficult to classify
- Describe characteristics of protists
- List the three major categories of protists and provide an example of organisms within each group
- Describe three ways that protists move
- Describe how protists reproduce
- Identify the ecological roles of protists in ecosystems
- Describe the characteristics of fungi
- List the four main groups of fungi and provide an example of organisms within each group
- Describe how fungi reproduce
- Identify the ecological roles of fungi in ecosystems



Incorporate scientific process skills during the instruction of all Biology concepts.
Look for this icon at wardsci.com/TEKS for more information on scientific process skills.

Recommended Ward's Science products with item numbers for easy online searching:

science tools:

Glass Depression Slides **143510**
Introductory Protists Slide Set **950224**
Basic Protist Survey Slide Set **950222**
Protist Motility (wm) **920004**
Ward's Pond Protist Mixture, Dry Mix **879055**
Ward's Protist Set 1 (cultures) **871530**
Ward's Protist Set 2 (cultures) **871540**
DETAIN™, Ward's Protist-Slowing Agent **377950**

Ward's Algae Types Collection **630400**
Ward's Algae Classification Set **863016**
Ward's Fungi Kingdom Survey Set **630110**
Ward's Lichen Types **855915**
Yeast, Three Types (sm) mb **912500**
Mold Types, Composite (wm) **912400**
Mushroom Anatomy, Coprinus (cs) qs **913211**

instructional resources:

Ward's Visual Guide: Freshwater Protists Poster **335480**
Ward's Experiences with Protists Lab Activity **888050**
Interactive Whiteboard Science Lesson CD: Protists **745166**
Ward's Fungi Identification Set **853924**
Growing Gourmet Mushrooms Lab Activity **366515**