

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](#)