

## MICROORGANISMS

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### OBJECTIVES/RATIONALE

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Many microorganisms are pathogenic, however some are beneficial. The student will identify characteristics and diseases caused by the protist groups.

TEKS 121.14 5C

TAKS ELA 1, 4  
Mathematics 8  
Science 1, 2

National Science Education Standards A9-12; C9-12; E9-12; F9-12

National Health Care Skills Standards .01, .07, .09

National Curriculum Standards for School Mathematics S11

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### KEY POINTS

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- I. Protist groups
  - a. bacteria
  - b. fungi
  - c. viruses
  - d. protozoa
  - e. rickettsias
  - f. helminthes
- II. Beneficial microbes
  - a. Streptococcus Lactis
  - b. Penicillan
- III. Diseases caused by protists
  - a. Strep throat
  - b. Athlete's foot
  - c. AIDS
  - d. Rocky Mountain Spotted Fever
  - e. Giardia
  - f. Hook worm

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### ACTIVITIES

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- I. Complete the **Protist Groups Laboratory Investigation.**
- II. Complete the **Microorganisms Worksheet** and discuss answers in cooperative groups.
- III. Participate in the **Microorganisms Game.**

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### MATERIALS NEEDED

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