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| **Protist Review Foldable**  1. You will make a four door foldable by folding the paper hamburger style. Open the paper back up and fold each side in to the center fold making two doors.  2. Fold the paper in half one more time. Then unfold and cut the two doors along the fold line to create four doors.  3. Cut out and glue the four protists on each door.  4. Write the correct name of each protist on the front of the door.  5. Cut out the correct parts identified for each protist and glue it under the correct flap.  6. Cut out and glue the correct characteristics of each protist behind the doors. |  |

Feeding:

Plant and animal-like; eats tiny plants and animals and makes its own food when sunlight is available

Movement:

Cilia move like rowing oars

Reproduction:

Binary Fission (asexually)

Unique Features: Uses eyespot to locate light; lives in colonies of 500-60,000

Unique Features: Avoidance behavior for negative stimuli, trichocysts trap prey

Unique Features:

Forms cyst during unfavorable conditions; disposes of waste using contractile vacuole and cell membrane

Reproduction:

Binary Fission (asexually)

Reproduction:

Binary Fission (asexually)

Reproduction:

Binary Fission; occasional conjugation

Feeding:

Heterotrophic - animal-like; eats little plants and animals

Feeding:

Heterotrophic - animal-like; eats smaller protozoa

Feeding:

Autotrophic - plant-like; makes its own food with photosynthesis

1. Flagellum

2. Eyespot

3. Contractile vacuole

4. Pellicle

5. Nucleus

6. Chloroplast

7. Cytoplasm

1. Cilia

2. Oral groove

3. Micronucleus

4. Cell membrane

5. Contractile vacuole

6. Food vacuole

7. Macronucleus

8. Anal pore

Unique Features:

Uses eyespot to locate light; breathes mostly CO2

Movement:

Flagella on each individual together to roll the colony

Movement:

Flagellum pulls like a propeller or motor

Movement:

Pseudopodia extend to allow protist to move

1. Volvox colony

2. Daughter colony

3. Flagella

4. Cell membrane

5. Nucleus

6. Eyespot

7. Chloroplast

1. Cytoplasm

2. Cell membrane

3. Food vacuole

4. Nucleus

5. Pseudopod

6. Contractile vacuole