

Create your own protist!!

Protists are small and resilient organisms that adapt to have various features to survive. Using what you know about protists and the helpful information about protist body parts below, design your own protist.

Some Protist Body Parts:

Flagellum (flagella) -a long whip-like structure used for movement

Cilia-Hair-like structures used for movement

Chloroplast-uses light to make energy (producers)

Mitochondria-location of respiration and energy production

Eye- Used for sensing predators and prey

Plastid- Stores food in organisms that can be producers

Haptonema- Used for capturing food (only found on organisms with flagella)

Nucleus- Control center of the cell

Material Examples:

Air dry clay

Beads

String

Pipcleaners

Toothpicks

Sequins

Paper

Glue

Popsicle sticks

Crayons/markers/colored pencils

Instructions:

1. Think about the different protist types and body parts. Decide what you want your protist to be able to do.
2. Use craft supplies, like those listed above, to design your protist.
3. Answer the following things about your protist:

After designing your protist write down the following information.

What body parts does your protist have?

How does it move?

How does it get energy?

Where should it live in the lake water column? (Example: Producers that need light, need to live at the surface of the lake)