

- Some use photosynthesis and some acquire their own food
- Examples: Algae, protozoans, and water molds.
- ❖ Plants
 - Multicellular
 - Photosynthetic organisms
 - Examples: Azaleas, Zinnias, and pines.
- ❖ Fungi
 - Helps decompose
- ❖ Animals
 - multicellular
 - Ingest and process their food.
- ❖ Supergroups
 - helps explains the evolutionary lineage of different protists.

1.3 The process of science.

- ❖ Scientific method
 - A standard series of steps used in gaining new knowledge that is widely accepted among scientists.
- ❖ Observation
 - A formal way of watching the natural world
- ❖ Inductive reasoning
 - Whenever a person uses creative thinking to combine isolated facts into a cohesive whole.
- ❖ Hypothesis
 - A possible explanation for a natural event
 - Is not merely a guess, rather an informed statement that can be tested
- ❖ Experiment
 - A series of procedures used to test a hypothesis.
- ❖ Deductive reasoning