

Review- Organisms: Macro to Micro Lessons 1-4

Name: _____ Hr: _____

Lesson 1- What are Organisms?:

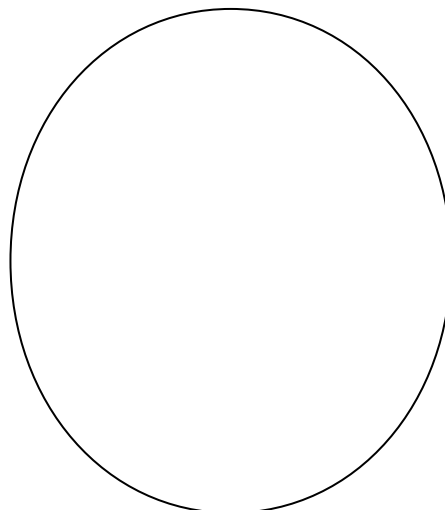
- What are common characteristics that all living organisms share?

- How do scientists name organisms?

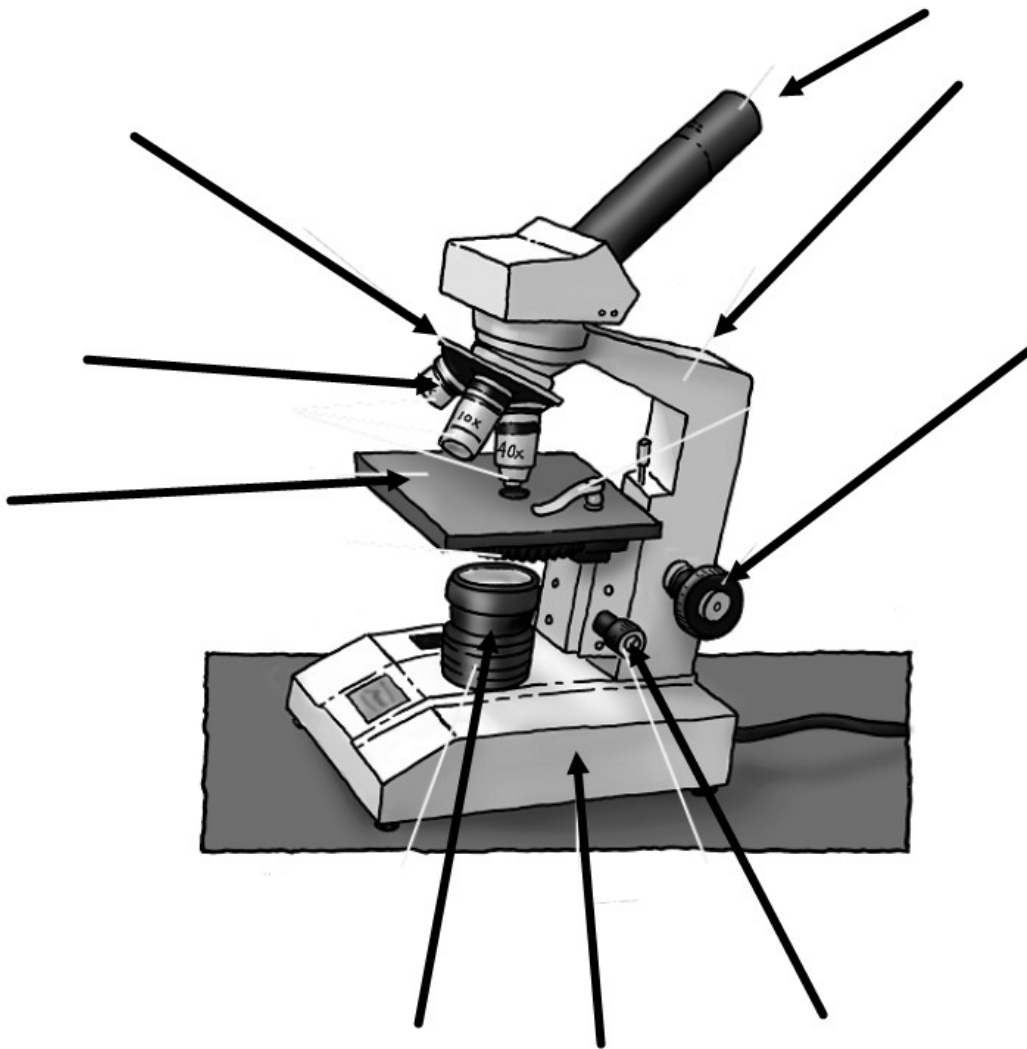
- Summarize Linnaeus' seven layer classification system:

Lesson 2: The WOWBug: Getting a Closer Look

- Be able to focus the microscope on an organism and sketch what you see. (If you are not comfortable with this, set up an appointment with your teacher to practice)



- Label the parts of a microscope:



- What is a parasite?

Taxonomy
Organisms
Classification
Seven-layer system
Anterior
Posterior
Parasite
Compound Microscope
Ecosystem
Habitat
Niche
Regeneration
Digestive tract
Blood vessel
Chaetae
WOWbugs
Lemna
Blackworms

Lesson 5: WI Fast Plants: Beginning The Cycle

- How was the WI Fast Plant developed?
- What characteristics were selected for?
- What are the Macronutrients?
- How are macronutrients different than micronutrients?
- How is a fertilizer different than food?
- What is germination?
- What is a seed?

Lesson 6: The Cabbage White-From Egg to Butterfly

- How do you know something is an insect? Or what is similar characteristics between the cabbage white butterfly and the WOWBug?

Lesson 7: Exploring Cells

- What is a cell?

- What is an organelle?

- What is the function of the mitochondrion?

- What is a cell membrane?

- What is a cell wall?

- What is a chloroplast?

- What is a nucleus?

- How are plant cells different from animal cells?

Additional vocabulary words:

Nutrients
Thorax
Abdomen
Organelle
Monocot
Dicot
Seed coat
Exoskeleton
Embryo
Cotyledons
Pollination