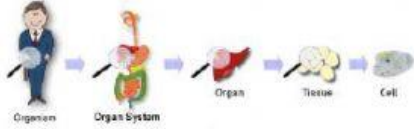



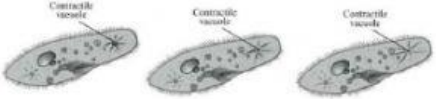



**Chapter 7 Study Notes**

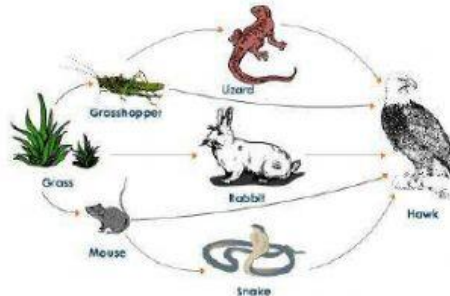
**6 Characteristics of life.** Put the correct word next to the image that it is showing

		<p>Growth and development</p>
		<p>Homeostasis</p>
		<p>Use of energy</p>
		<p>Organization</p>
		<p>Respond to stimuli</p>
		<p>Reproduction</p>

**Food Webs show the movement of energy**

Based on the food web below, what is an energy source for the:

- Mouse \_\_\_\_\_ Lizard \_\_\_\_\_



**SCIENTIST CLASSIFY ORGANISMS INTO DIFFERENT GROUPS.**

The order for the classification of species is:

**domain, kingdom, phylum, class, order, family, genus, species**

**There are 6 Kingdoms:**

Domains and Kingdoms						
Domain	Bacteria	Archaea	Eukarya			
Kingdom	Bacteria	Archaea	Protista	Fungi	Plantae	Animalia
Example						
Characteristics	Bacteria are simple unicellular organisms.	Archaea are simple unicellular organisms that often live in extreme environments.	Protists are unicellular and are more complex than bacteria or archaea.	Fungi are unicellular or multicellular and absorb food.	Plants are multicellular and make their own food.	Animals are multicellular and take in their food.

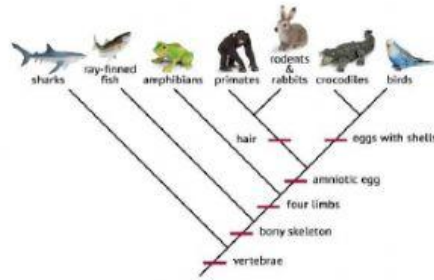
**To which kingdom does the following organisms belong?**



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



- **What is the name of this tool?** \_\_\_\_\_

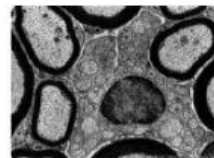
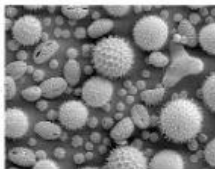
- Name 3 animals that have a bony skeleton  
 \_\_\_\_\_

- Name the animal most closely related to the Birds \_\_\_\_\_

- Which animals do not have four limbs?  
 \_\_\_\_\_

- Which is the only animals that have hair?  
 \_\_\_\_\_

**What type of electron microscope took the following images?**



\_\_\_\_\_

What is the total magnification of an image that is viewed through a:

10X ocular lens and the objective lens is 4X \_\_\_\_\_

10X ocular lens and the objective lens is 8X \_\_\_\_\_

10X ocular lens and the objective lens is 10X \_\_\_\_\_