**Animal Behavior Webquest:** Define each term. If there is a video, watch it.

1. A behavior: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**--stimulus** is any kind of \_\_\_\_\_\_\_\_\_\_\_\_\_\_

--**response** is the organism’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the stimulus

Ex. Lowered blood sugar causes a release in \_\_\_\_\_\_\_\_\_\_\_\_\_ which triggers a feeling of hunger

B. Behaviors have evolved as a result of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Allows the organism to survive and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. These behaviors may be directed by \_\_\_\_\_\_\_\_\_\_ and can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Most behaviors occur as a result of inherited \_\_\_\_\_\_\_\_ AND environmental \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C. There are two main types of behavior

1. **\_\_\_\_\_\_\_\_\_\_ behaviors** are \_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_\_\_\_\_\_ programmed), so the organism is born already “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_” the behavior

2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ behaviors** are acquired during an organism’s life and may change with \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Innate behaviors**

1. What is a reflex? Give an example of a human reflex.
2. What is an instinct?
3. What is suckling? What groups of organisms have this behavior?
4. Other instincts are more complex. Define each and provide an example.
5. Courtship behavior <http://www.youtube.com/watch?v=lyxFCvDRELc> –

<http://www.youtube.com/watch?v=tJ32_ijdmLo>

1. Territoriality –

1. Aggression <http://www.youtube.com/watch?v=6z_3EZWkM1c> –
2. Dominance Hierarchy <http://www.youtube.com/watch?v=JmB-AeFCtGI> –

5. Orientation behaviors-

a. Phototaxis -

b. Chemotaxis –

6. Behavioral Cycles (**Biological “Clock”**)

a. What is a circadian rhythm? Give an example.

b. Seasonal rhythms occur at certain times of the year. Define and give an example.

a. Migration-

b. Hibernation <http://www.youtube.com/watch?v=TpY4frpheWw> -

c. Estivation-

**Learned Behaviors**- present mostly in animals with a more highly developed nervous system. It requires motivation (an internal need).

1. What is habituation? Give an example. <http://www.youtube.com/watch?v=Kfu0FAAu-10>

2. What is classical conditioning? Describe Ivan Pavlov’s experiment.

3. What is operant conditioning? <https://www.youtube.com/watch?v=Mt4N9GSBoMI> Provide an example.

4. What is insight learning, a.k.a. reasoning? Are all animals capable of this type of behavior? <http://www.youtube.com/watch?v=fPz6uvIbWZE> https://www.youtube.com/watch?v=JwwclyVYTkk

**Combining Innate and Learned Behaviors** – Most behaviors result from a combination of innate and learned behaviors

1. What is social behavior? Give an example of animals that exhibit “societal” living.
2. What is imprinting? When does it occur? Give an example of organisms that practice imprinting.
3. What is communication? Give some example of communication other that talking and the organisms that communicate is that particular way. <http://www.youtube.com/watch?v=5T-ZThSE5rQ>