**Animals…Fast and Furious!**

![C:\Users\shari.mudd\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\WSJV2KC7\MC900417472[1].wmf]()

Animal Characteristics:

2 groups:

**STERNGRR processes:**

|  |  |
| --- | --- |
| **S**ynthesis |  |
| **T**ransport | Blood: |
| Open vs. Closed: |
| 4 chambered heart: |
| **E**xcretion | Nepridia / Malpighian tubules: |
| Kidneys: |
| **R**espiration | Skin: |
| Spiracles: |
| Gills: |
| Lungs: |
| **N**utrition | Mandibles / Teeth: |
| Digestive tract: |
| **G**rowth and Development | Eggs: | Metamorphosis: |
| Amniotic egg: |
| Pouch: |
| Placental: |
| **R**eproduction | Asexual: |
| Sexual: | External fertilization: |
| Internal fertilization: |
| **R**egulation | Nervous system: |
| Hormones: |

**Behaviors are a result of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!**

**Innate Behaviors:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **Automatic** | Reflex |
| Fight-or-Flight |
| **Instinct** | Simple | Suckling |
| More Complex | Courtship  |
| Territoriality |
| Aggression |
| Dominance Hierarchy |
| Orientation/Taxis |
| Cycles | Circadian Rhythm |
| Migration |
| Hibernation |
| Estivation |

**Learned Behaviors: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| Habituation |  |
| Classical conditioning |  |
| Operant conditioning (Trial-and-Error) |  |
| Insight/Reasoning |  |

**Combining Innate and Learned Behaviors**

1. Social Behaviors:
2. Imprinting:
3. Communication:

