**March Notes: Day 6 Behavior Evolution**

Name: Period: Date:

**DO NOW: Write down 3 things that you are looking for in a potential mate?**

**AIM: How does an organism’s behavior aid in the evolution of a species?**

•**How does an organism increase its chances to be successful?**

* Many organisms complex in order to be
* Some behaviors help them to survive while other behaviors help the organism mates.
* These include pattern, and .

•**Why is Pattern Behavior so Important for Evolution?**

* behavior is behavior that a of organisms do in order to their chances for as a group.
* Because organisms in the group have these patterns behavior, or undesirable traits are out of the population. This is because these individual with the ideal would and pass on their genes.
* These patterns also strengthen favorable or desirable because only the fittest or best will live and ; thereby on their .

•**How is success measured in living things?**

* Nature measures success by how well an organism can .
* Those organisms that can reproduce will be able to pass on their genes to the next generation allowing the to continue on.
* Those organisms that do not reproduce are considered failure because they do not pass on their genes.
* If enough failures occur, the specie will become extinct.

**Feeding Pattern Behavior**

* Feeding patterns can from many things:
* Organisms know when their food is more . (nighttime, morning, at a certain or during a certain of the year).
* Organisms know when that eat them are out so they those times and places.
* Most organisms give during certain times of the year and certain places where food is .
* If the food source or out, only those populations with the most will survive.

**Migration Patterns**

* means that a group of the same of organisms move from one area to another. Organisms do this for many reasons:
* Follow their source
* To
* To find
* To offspring
* To raise
* Only those that are the fittest to make the trip will survive.

•**Mating patterns**

* Many organisms have very mating rituals.
* These rituals are designed to allow only the most individuals to or reproduce.
* Some rituals include: building, special or movements, display of particular and combat.

•**Is Pattern Behavior Learned or Genetic?**

* Some scientist believe that this type of behavior is learned by others in the population.
* Animals that were born in zoos and were from other of its kind, have a hard time to the wild because they do not known how to act.
* Some scientist believe that Pattern Behavior is (in their genes). Turtles hatching from eggs on will quickly go to the water. Salmon return to the same that they were born to lay their eggs.