Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core:\_\_\_\_\_\_\_\_

**Animal Adaptations for Reproductive Success**

There are many ways in which organisms have adapted to enhance the success of reproduction. Please answer the following questions.

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| --- | --- |
| **Behavior**  Parents often CARE for their offspring until they are READY to SURVIVE on their own.  How do penguins care for their young?  List three other examples of animals that care for their young. | Penguins: Please see “Care of Young” section.  <http://seaworld.org/en/animal-info/animal-infobooks/penguin/reproduction/> |
| **Appearance**  Some animals have a certain APPEARANCE to ATTRACT the OPPOSITE SEX.  How does the blue bird of paradise use its appearance to attract the opposite sex? | Blue-bird-of-paradise  <https://www.youtube.com/watch?v=bbLpZn4B7b0> |
| **Mating Calls**  Mating calls are used to ATTRACT the OPPOSITE SEX during MATING SEASON.  Do all animals use the same mating calls?  Can you think of other animals that use mating calls? | Gator  <https://m.youtube.com/watch?v=39pxYm1HEpg>  Peacock  <https://m.youtube.com/watch?v=GikHegxYtTw> |
| **Chemical Cues**  Sometimes, a certain SCENT (Pheromones) is used to attract mates.  How is scent used to attract a mate?  List three examples of animals that use scent to attract a mate. | Scent of attraction: How animals sniff the perfect mate  [http://news.bbc.co.uk/earth/hi/earth\_news/ newsid\_9391000/9391059.stm](http://news.bbc.co.uk/earth/hi/earth_news/newsid_9391000/9391059.stm)  Male Goats Attract Females With Their Smell  <https://www.youtube.com/watch?v=qD0VORP4OBo> |
| **Courtship Behavior**  ACTING in a certain WAY to ATTRACT a mate.  Why does the bird do the moonwalk?  Can you think of other animals that may use courtship behaviors to attract a mate? | Birds Moonwalk  <https://www.youtube.com/watch?v=o42C6ajjqWg> |
| **Number of Offspring Produced**  Some organisms produce LARGE NUMBERS of OFFSPRING, so that there is a HIGHER CHANCE that some will SURVIVE.  What are examples of animals that produce high numbers of offspring?  Why do some organisms produce a higher number of offspring? | Animal Behavior  <http://www.shmoop.com/animal-behavior/raising-offspring.html> |
| **Number of Gametes Produced**  Many GAMETES are produced to ensure FERTILIZATION.  What is a gamete?  Why are so many gametes produced? | Gametes  <http://science.jrank.org/pages/2914/Gamete.html> |
| **Defense against Predators**  How does this lizard’s defense mechanism contribute to its ability to reproduce? | Defense against Predators  <https://www.mentalfloss.com/article/12258/7-absolutely-insane-animal-defense-mechanisms> |