**Unit 5 Enrichment Activity 1**

Part 1: Captive Breeding
On your device or a computer, watch the following video: <https://animoto.com/play/W8Q1XAmXsLdJ710ZSOwo6g>

As you watch, answer the following

1. For what reasons do zoos do captive breeding programs?
2. Captive breeding programs are characterized by genetic registries and limit the number of times an animal is bred. Using your knowledge of genetics, describe why these are necessary.
3. The cheetah has been hunted and crowded out by lions to near-extinction. As a result, the remaining cheetahs in the wild are nearly all genetically identical. How could a captive breeding program be used to bring cheetahs back?
4. What issues are there with captive breeding programs?

Part 2: Animal Contraception
On your device or a computer, watch the following video:
<https://animoto.com/play/B1LjZyVAd7pJCo0szQpXqA>

As you watch, answer the following

1. List 1 way that zoos can naturally (without chemicals/hormones) prevent unwanted pregnancies in some kinds of captive animal populations. What determines whether or not this method will work?
2. List and describe 4 ways that contraceptives are given to animals in zoos.
3. Why are males in zoos different than human males with respect to contraceptives? What other uses are there for contraception in male animals in zoos?
4. Why is temporary birth control preferred to permanent methods of birth control for zoo animals?
5. How does the idea of animal contraception tie in with captive breeding programs in zoos?