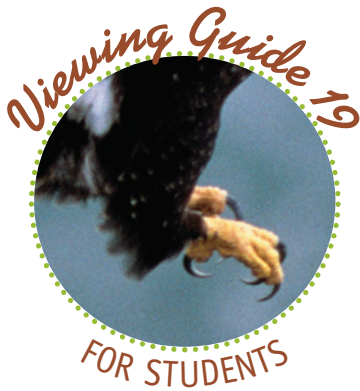


Episode: Form and Function

EXPLORING NORTH CAROLINA



USEFUL VOCABULARY

adaptation
barbel
boreal
camouflage
incisor
iris
larvae
mimicry
molar
morphology
peregrine falcon
pollination
raptor
retina
rodent/Rodentia
rods and cones
talon
triangulate

CHAPTER 2 (0:00–10:19)

1. List some ways in which animals use color to their advantage.
2. List some adaptations that help birds survive.
3. List some adaptations that help plants survive.
4. Squirrels, chipmunks and groundhogs are members of the Order _____.
5. Describe how a beaver's incisors stay sharp.
6. Describe the function of domes in several turtle species.

CHAPTER 3 (10:19–18:55)

7. What is the Latin meaning of the word *raptor*?
8. What is the largest hawk species in North Carolina?
9. The peregrine falcon can dive as fast as _____ mph.
10. List some examples of useful adaptations in raptors and their functions.
11. List some specialized features that help owls survive.
12. Why do turkey vultures and black vultures lack feathers on top of their heads?

CHAPTER 4 (18:55–23:09)

13. What are some special adaptations of the mouths of fish that help these animals survive?
14. The bowfin (or mudfish) has a special accessory-breathing organ. What does it enable the fish to do and why is it important?