

Raptor Protection Program

1. **Introduction** (10 min)
 - Colorado Springs Utilities (CSU) provides water, electric, gas, and wastewater services.
 - Tour of a power line
 - Protection of raptors
2. **Raptor Basics** (10 min)
 - What is a raptor?
 - Similarities and differences between red-tailed hawks and great horned owls
 - touch feathers and talons
 - What makes a bird different from other animals?
3. **What are your 5 senses? Raptors use those senses too.** (15 min)
 - Touch: hunt using talons
 - Sight: eyelids/nictitating membrane (look at friend and blink)
 - Hearing: asymmetrical ears (hold hands around ears)
 - Smell: not as good as humans
 - Taste: 2 stomachs (see owl pellet)
4. **Raptor Protection and How You Can Help** (5 min)
 - 74% of power lines now below ground
 - Activity: Capture an injured bird
 - Keep environment clean
 - Teach others about raptors
 - Stay safe around powerlines
5. **Post Assessment** (5 min)
 - Name two things you learned about Raptor's today.
 - Name one way CSU protects raptors.
 - Name one way you can help raptors.

Objective: With the aid of taxidermy birds of prey, learn about raptors' unique adaptations and senses along with Colorado Springs Utilities efforts to protect raptors on power lines.

Target grades: 1st - 4th grades

Time commitment: 45 minute presentation

Standard/ GLE Code:

SC.1.2.1, SC.1.2.2

SC.2.2.2

SC.3.2.3, SC.3.2.5

SC.4.2.1

Recommended vocabulary words: raptor, predator, prey, senses, owl, hawk

Total program time: 45 minutes