



Raptor Resource Project Lesson Plans

To find more plans, go to www.raptorresource.org

Lesson Plan: Out Both Ends!

Grade/Level	Intermediate/Middle school
Time Allotment	1 class period
Content Area(s)	Life Science, Animal Behavior, Body systems and functions

Objectives

To observe and understand how eagles deal with food materials they are not able to digest. (Or “Casting pellets and shooting poop!”)

Curricular Connections

LS1: Molecules to Organisms: Structures and Processes

LS2: Ecosystems: Interactions, Energy and Dynamics, Matter and Energy in Organisms and Ecosystems

Instructional Materials

RRP resources listed

Resources

Casting Pellets

- D32 casts a pellet: <https://raptorresource.org/video-libraries/eagle-videos/>
- DN12 casts a pellet: <https://youtu.be/CWRVUdQnWMs>
- DN9 casts a pellet under DNF’s watchful eye: <https://youtu.be/pDIBindDCCo>

Shooting Poop

Oh Poop Shoot: <https://www.raptorresource.org/2020/03/24/oh-poop-shoot/>
 April 18, 2020: Decorah Babies breakfast! <https://youtu.be/j3RQv4hIHKA>

Background Knowledge

None needed

Opener

Begin with the question: "What does the word pellet mean to you? "

Procedure/Method/Activity

- After initial discussion, students will read the RRP information and view the videos on casting pellets and poop shooting.
- Students will discuss the who, what, and why of these actions.

Assessment

1. Students will list 5 new facts they have learned about eagles by completing this short lesson.
2. Students will explain in writing why these behaviors (casting pellets and shooting poop) are necessary for the health and well-being of eagles.
3. Students will respond to the prompt: What questions do you now/still have about this topic?

Extension

Owl pellets can be ordered from biological supply houses or amazon.com. Students will dissect pellets and discover what the bird ate!