

Lesson Overview

4 Lesson Units: 45 minutes each

Be a Wildlife Biologist

Teacher expectation: teachers will be checking batteries each month and changing out video cards. Professional coordinators may be able to do this task and should be built into budget request if necessary.

Lesson 1 -

- Introduction to local wildlife
- conservation issues
- monitoring efforts
- trail cam introduction

Lesson 2 -

- Deploy trail cam-
- Invite professional wildlife scientist (USFS, CDFW, WRTC, etc.) to help with lesson
 1. Introducing ideas (and gaining feedback from students) of where they should be placed.
(based on habitat, water source, food source, trails known, etc
 2. Place cams at school
 3. Discuss career paths in wildlife science.

Lesson 3 -

- in advance coordinator looks through data, creates data sets with game cam photos + videos
- Break students up into groups and have them analyze data sets
- identification and data tracking activity, students create lists of how many animals were seen and when
- Data uploaded into class list

Lesson 4 -

- Photos can be uploaded to the iNaturalist project and displayed in map view
- Students can take turns presenting on the animals that were found
- Students will write a journal or entry or blog post discussing their findings

Alternate Lesson

- Students can use their findings to create the pages for field guide of the animals around their school
- Pair this with a botany lesson and students can create a field guide containing both the plants and animals found around their school