

# Interpretive Center Lesson Plan

**ESSENTIAL QUESTION:** Why is proper treatment of animals important?

**STANDARD:**

SC.6.N.1.5: Recognize that science involves creativity, not just in designing experiments, but also in creating explanations that fit evidence.

CTE-AFNR68.GENRL.08.03: Demonstrate the proper handling and ethical care of animals.

**OBJECTIVES:** The students will be able to

- Show proper handling of small animals
- Infer explanations for scientific questions at interactive stations

**SAFETY:**

- Do not put hands near animals face
- Keep voices quiet
- Proper holding of animals
- Do not pressure students to hold animals
- Allergy considerations

**MATERIALS NEEDED FOR EXTENSIONS:**

- Truth and Fiction Rule Cards

**ENGAGE:** Turn and Talk- Have students discuss if they have any pets at home. Will the student be willing to hold a snake/toad during activity.

**Vocabulary:**

**Ectothermic:** Any animal whose regulation of body temperature depends on external sources such as sunlight. Body temperature changes with the temperature of the environment

**Endothermic:** Any animal who uses internally generated heat to maintain body temperature.

**Ethical Treatment of Animal:** Being in accordance with the accepted principles of right and wrong that govern the conduct of a profession or an act

**EXPLORE:** Students look around room (approx. 3 min), reading captions and locating different animals. Have students sit down and discuss interesting items found in room.

**EXPLAIN:** Teacher leads discussion of handling and ethical treatment of animals. Teacher should explain the 5 stations and student expectations for working at the stations. Teacher explains procedure/logistics for holding animals.

**ELABORATE:** Venomous Snake boards

**EVALUATE:** Students should be able to demonstrate proper handling techniques and explain ethical treatment of pets. Students should be able to make inferences for questions at stations.

**EXTENSIONS:**

- Rule Card Game- Students complete Stand-up/Hand-up/Pair-up to answer truth/fiction cards
- Discuss taxidermy display items

### HOT QUESTIONS:

- ✓ How does the fur/hair differ on the mammals?
- ✓ What abiotic factor from the ecosystem do the heat lamps represent for the reptiles?
- ✓ Which animals do you think would make the best pets?
- ✓ How do pet shops have an impact on exotic animals?
- ✓ What adaptations do snakes have for locating prey?