



“An Elephant Never Forgets”

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Summary: Students will learn about Addo Elephant National Park in South Africa through pictures and stories. The students will have an opportunity to read about the elephants in the park, the history of the park, and park management. Pictures of the elephants will be displayed and the students will have to identify the elephants by name according to the diagrams provided to them. Discussion on carrying capacity will follow and the impacts limited habitat will have on the elephant's family life.

Background Information:

See attached information provided by Addo Elephant National Park
Diagrams of Elephant Families
Internet resources on Addo Elephant Park (see end of lesson resources)

Grade Level: 10-12 grades

Goal: The main goal of this lesson is for students to gain an appreciation of the efforts people worldwide are taking to ensure the survival of wildlife species.

Key Concepts: Wildlife Management (South Africa)

Objectives: Upon completion of this lesson students will be able to:

1. state several historical facts about Addo Elephant Park
2. understand the elephant family
3. identify several elephants by name from photo and diagrams
4. appreciate the complexity of creating and maintaining a large National Park like Addo Elephant Park.

Teaching Location: Classroom

Lesson Time: 3 Days

Day 1—Lecture on Addo Elephant Park, including slides from personal visit to park and reading material provided.

Day 2—Discussion on Elephant Families, diagrams provided

Discussion on how these close family ties make it difficult to manage the park

Allow time for students to try to match names of elephants to pictures

Take time to talk about the various careers at the park and encourage students to contact people via Internet to ask questions about working in a large game reserve.

Day 3—Final questioning and assessment time.

Subject Areas for Infusion: Agriscience, Science

Standards:

Agriscience

E.9-12.2 Continue developing environmental stewardship career interests.

Environmental

B. 12.21 Research the roles of various careers related to natural resource management and other environmental fields.

Materials:

Pictures from Addo Elephant Park—slide presentation

Individual photos (mounted) for identification purposes

Addo Elephant Park Brochures

Internet sources—Addo Elephant Park

Elephant Families Handouts

Set-Up:

Make slide presentation from Addo Elephant Park

Mount individual photos of elephants for each student in class (wide variety)

Copy Addo Elephant Park Brochures for reading material for students

Copy Internet sources (if needed for class discussion)

Copy handouts for Elephant Families for each group of students

Procedure:

1. Slide show and lecture of Addo Elephant Park
2. Reading of brochure and handouts as class or individual student
3. Discussion on management of wildlife park
4. Lecture of Career in Elephant Behavior and how elephants are named
5. Students try to identify photos of elephants
6. Contact Addo Elephant Park via Internet about career questions or other questions on the elephants
7. Assessment

Conclusion:

At the end of the lesson, students will be able to state the history of Addo Elephant Park, identify by name some of the elephants at the park, and discuss the difficulty associated with wildlife management of elephants.

Assessment:

Written Test (to be developed by individual teacher)

Proper Identification of Photos

References:

Addo Elephant Park Web Sites:

<http://www.sanparks.org/parks/addo/>

http://www.sa-venues.com/game-reserves/ec_addo.htm

http://www.game-reserve.com/south-africa_addo.html

http://about-south-africa.com/html/addo_elephant_park.html