

## Risk and Recovery Lesson Plan

**Activity:** 1992 Recovery Plan Evaluation

**Adapted From:** US Fish and Wildlife's 1992 Recovery Plan for *L. kempii*

**Grade Level:** 6-12

**Time Required:** two 90 minute block or four 45 minute class periods

### Objectives:

- (1) Students will evaluate the ecological data to suggest Kemp's Ridleys are in real danger of becoming extinct.
- (2) Students will analyze the threats that have led the Kemp's Ridleys to the verge of extinction.
- (3) Students will make inferences about success of the recovery plan set forth in 1992.
- (4) Students will evaluate a specific area of the recovery plan, and determine its level of implementation and success.

### Key Terms:

endangered, threatened, dredging, digestive tract impaction, captive, mortality, Turtle Excluder Devices, trawling, viability

### Method:

Students will be introduced to the 1992 recovery plan through lecture and a powerpoint presentation. This will allow for the teacher to elaborate and explain how the turtles are classified, the threats they face, and how they are being protected. Students will then use an internet linked computer to do additional research on their own to determine if the plan was in fact implemented and the success of the implementation.

### Materials:

Digital projector, computer with internet access for each student or team of students.

### Procedure:

1. Present the power point presentation to the whole class, encourage students to take notes and ask questions during the presentation. Make sure to clarify unknown vocabulary and ask for students to volunteer their opinions and experiences as the presentation is shown. Attempt to make the presentation as interactive as possible.
2. Upon the completion of the presentation, provide students with a copy of their assignment (also on the last slide of the presentation). Avoid giving students too much specific direction, in an effort to given them a chance to choose a topic that interests them most. It is also best to place as little restriction as possible on their research and response. Provide students with a copy of the 1992 recovery plan, either in print or via the internet link [http://www.nmfs.noaa.gov/pr/pdfs/recovery/turtle\\_kempstridley.pdf](http://www.nmfs.noaa.gov/pr/pdfs/recovery/turtle_kempstridley.pdf) but encourage them to use additional resources.