

Classroom Resources:



Sea Turtle Conservation WebQuest

Grade Levels: 9 - 12

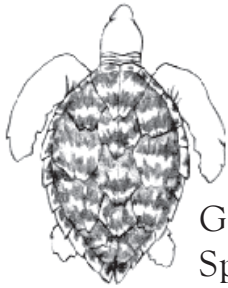
Step One: Species Classification

Log onto: http://www.conserveturtles.org/sea-turtle-information.php?page=species_class

1. Fill in the following to classify sea turtles:

KINGDOM: _____
PHYLUM: _____
CLASS: _____
ORDER: _____

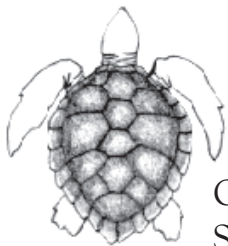
2. Fill in the Genus, Species and Family for each shell pattern provided below:



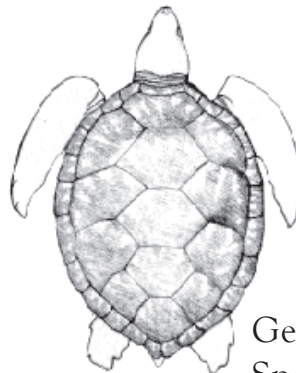
Genus: _____
Species: _____
Family: _____



Genus: _____
Species: _____
Family: _____



Genus: _____
Species: _____
Family: _____



Genus: _____
Species: _____
Family: _____



Genus: _____
Species: _____
Family: _____

Step Two: Why Care?

Log onto: <http://cccturtle.org/sea-turtle-information.php?page=whycareaboutseaturtles>

3. Describe one ecological role that sea turtles play in the ecosystem.

Log onto: <http://www.flmnh.ufl.edu/fish/southflorida/seagrass/lifefish.html#fishes>

4. List one commercially valuable species of fish that is found in seagrass habitats.

Step Three: Threatened and Endangered

Log onto: <http://www.fws.gov/endangered/ESA/sec3.html>

5. What is the definition of “endangered species” under the US Endangered Species Act? 6. What is the exception to the rule and how is the exception justified?

Log onto: <http://www.fws.gov/northflorida/SeaTurtles/seaturtle-info.htm>

7. Who has Federal jurisdiction for sea turtles in the US? If more than one agency, how is the responsibility divided?

8. Follow the link for the Loggerhead sea turtle and list five (5) reasons that Loggerheads are listed as Threatened.

Step Five: International Traveler

Log onto: http://cccturtle.org/satellitetrackingmap.php?page=satlb_jamur2

9. What distance has “Jamur” traveled? How many days has it taken her to go that far?
(Helpful link: <http://www.timeanddate.com/date/duration.html>)

10. Using your answers from 9, calculate her swimming speed in terms of miles per day and miles per hour.

11. Based on the definition below, list the countries whose “territorial sea” Jamur passed through on her migration.

Territorial sea is a belt of coastal waters extending at most twelve nautical miles from the baseline (usually the mean low-water mark) of a coastal state. The territorial sea is regarded as the sovereign territory of the country, although foreign ships (both military and civilian) are allowed innocent passage through it; this sovereignty also extends to the airspace over and seabed below. Note: 1 nautical mile = 1,852 meters or 1.151 miles

Step Six: Quiz

Take the online quiz: <http://www.cccturtle.org/sea-turtle-information.php?page=FlashSeaTurtleQuiz>

12. After completing the quiz, provide a few sentences summarizing your performance on the quiz and what you have learned.