

Sea Turtle Survivor

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National Science Education Standards:



Life Science E.C.1 *Characteristics of Organisms*

Life Science E.C.2 *Life Cycles of Organisms*

Life Science M.C.2 *Reproduction and Heredity*

Life Science M.C.5 *Diversity and adaptations of organisms*

Life Science H.C.6 *Behavior of organisms*



Ocean Literacy Standards

Essential Principle 5 *The ocean supports a great diversity of life and ecosystems.*

Sea Turtles of the World

Kemp's Ridley



East Pacific Green



Olive Ridley



Australian Flatback



Leatherback



Hawksbill



Green

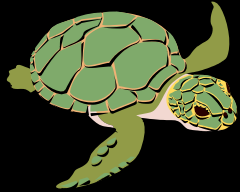


Loggerhead



Small text or signature in the bottom left corner.

Threatened & Endangered Status In the US



6 of the 7 species:

- Green
- Hawksbill
- Kemp's Ridley*
- Leatherback
- Loggerhead
- Olive Ridley

*Kemp's are the
rarest turtles

The Endangered Species Act of 1973:

- NOAA – lead responsibility for conservation and recovery of sea turtles in the marine environment
- USFWS leads the conservation and recovery of sea turtles on nesting beaches.

<http://www.alabamaseaturtles.com>



Share the Beach Volunteer Program



Photos by Rick Harding

Life cycle



- **MATURITY** is reached at different times for each species. More is known about the carapace size at maturity than the actual age of the turtle.



- Females deposit 80–200 eggs (a clutch) (this varies among species)



- Can have 1–7 clutches throughout year, 12–14 days apart



- Nest every 2–3 years

Human Impacts



- Coastal Development/Shoreline armoring



- Increased Human Presence



- Predators — Humans (poaching) and animals (raccoons, ghost crabs, seagulls)



- Artificial lighting



- Commercial fisheries — shrimp nets

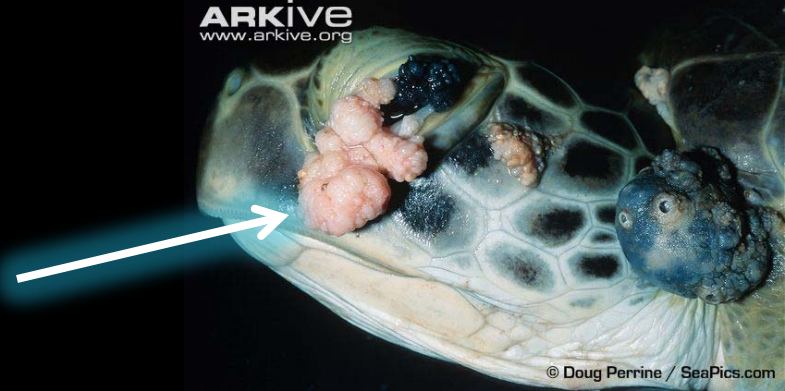


- Marine Debris - plastics



- Fibropapilloma Tumors

ARKive
www.arkive.org





The prototype



Goals: Teach students about....



•Sea Turtle biology



•Human impacts



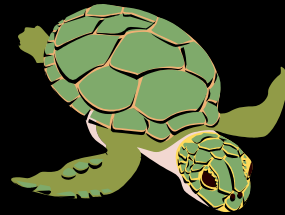
- Canvas scraps
- White duct tape

Sea Turtle Survivor

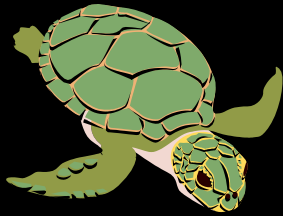
- Photos: ones we took or from calendars, clip art, free photo websites
- Laminated words/photos
- Industrial strengthVelcro®



Smart Notebook Interactive Game



Special Thanks goes to:



Stephanie Wright

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Jenny Cook

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Tina Miller-Way

KP's Canvas Shop



www.disl.org

Look here for my
presentation and lesson plan