

KLW (What I Know-What I Learned-What I Want to Learn) and Research Skills

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What I Know

Prior to watching *The Riddle in a Bottle*, have students briefly preview books about ocean currents, sea turtles, tides and water-related ecosystems (wetlands, vernal ponds, rivers, etc.) Review what they know in groups and share the knowledge as a class.

What I Learned

Use the movie to practice note-taking skills using the Cornell System of taking notes. Students can practice heading their notes and writing the main ideas for the film's learning objectives. As students watch the film, have them focus on taking notes about the following main ideas.

Describe the ingredients/components of the ocean.
What does the ocean need to exist?

Describe the lifecycle of loggerhead sea turtles.
How is the loggerhead sea turtle able to travel long distances in the ocean?

Describe sea life found in ocean tide pools.
How does the moon affect water movement in the tide pools?

Describe the stages in the existence of ponds. How do ponds change?
Name 3 important factors that affect the life in a pond.

After watching the movie, discuss the answers, allowing the students to record any information missed. Students can practice summary writing of each main idea and details, which are key learning skills for all curricula.

What I Want to Learn

Help student conduct a research extension activity. Revisit the books you read prior to watching the movie. Then introduce research skills to the students. Research Skills include finding a topic, narrowing the topic to a specific question, locating information, finding details, including important details and summarizing what was learned.

