

<https://www.tes.com/lessons/XeeuZulhOmKpCQ/reptile-articles-jigsaw>

SEA TURTLE ARTICLES “Navigation in Loggerhead sea turtle hatchlings”

What are some negatives the turtle might encounter along their journey?

Site specific instinct behaviors that allow the sea turtle to be successful and explain how they work.

Explain the consequences if the 3 migratory cues were not functioning correctly.

“Tortuga Rising”

What is the overall theme/message of the article?

Summarize the factors involved in the downfall and rise in the sea turtle population.

GENERAL TURTLE ARTICLE “Unhatched Turtles move to beat the Heat”

Describe Du’s experiment to determine if temperature plays a part in sex determination.

What was the controlled experiment the team used?

Do you feel this article has substantial data and evidence to support the article’s title?

Explain your reasoning.

“Turtles that eat bone, rocks and soil, and turtles that mine”

Site evidence that supports Turtle’s bone eating activity.

Based on the article, what are the reasons a tortoise might eat calcium rich materials?

What other animals might have the same behavior? Defend your answer with scientific reasoning.

TUATARA ARTICLES “Ionic New Zealand Reptile shows chewing is not just for Mammals”

According to the article, how is mammal and tuatara digestion similar? Why is this not typical of other reptiles?

What is the benefit to the individual if they use these for of digestion?

What type of model was used to investigate reptile biodiversity? Why was this used?

“New Zealand’s Living Dinosaur”

If the tuatara has been relatively unchanged throughout history, how can scientist say they are evolving faster than any other animal?

What is the importance of studying molecular evolution?