

LET'S LEARN ABOUT

Sea Turtles



A COMPLETE
NONFICTION
SCIENCE & ELA
UNIT

LET'S LEARN ABOUT: Sea Turtles

LET'S LEARN ABOUT

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PACING GUIDE



PACING GUIDE



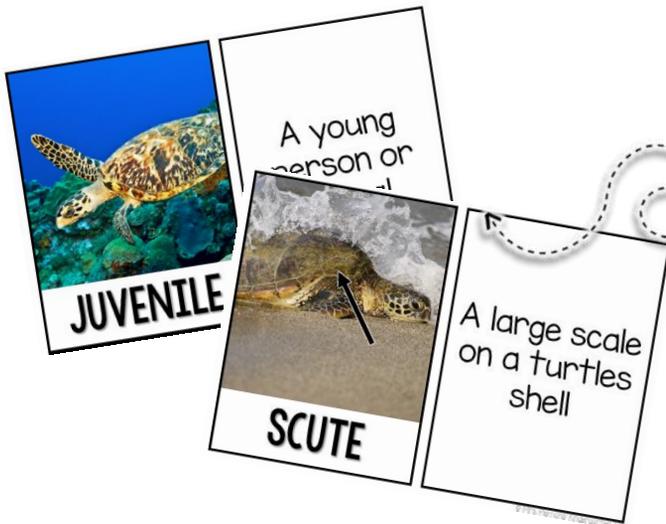
PACING GUIDE

- Day 1: **Activate Schema**
 - Ask students what they think they know about sea turtles.
 - Construct a schema chart or complete K portion of a KWL chart as a class.
 - Students can write their ideas with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 2: **Explore Attributes**
 - Allow students to explore related materials to develop questions (e.g. sea turtle posters, sea turtle books, ping pong ball "eggs", sand, magnifying glasses, toy sea turtle models, etc.).
 - Construct a questions chart or complete W portion of a KWL chart as a class.
 - Students can write their questions with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 3: **Read Non-Fiction Book(s)**
 - Choose a non-fiction book to share with the class. (see book list for suggestions).
 - During read aloud, model questioning for students.
 - Students can write their questions with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.
- Day 4: **Introduce New Vocabulary**
 - Read another non-fiction book that has a majority of the new vocabulary you'd like to introduce.
 - As you encounter new words, introduce the vocabulary cards. Display on bulletin board or pocket chart.
 - Students complete vocabulary pages for their own books.
- Day 5: **Essential Questions/New Learning**
 - Introduce and discuss the questions that will focus your learning.
 - Select book(s) to share with the class.
 - Students complete activities to show their learning.
 - Students can write their learning with words and/or pictures at their level of ability on their own graphic organizer or post-its to put on the class chart.

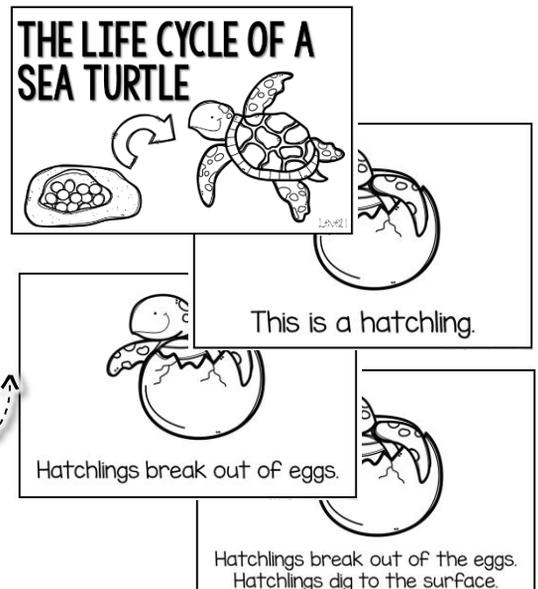
SUGGESTED PACING GUIDE



9 TEACHING POSTERS



6 VOCABULARY CARDS



3 LEVELED MINI READERS

LET'S LEARN ABOUT: Sea Turtles

ESSENTIAL QUESTIONS

SEA TURTLES: BOOK LIST

TECH TIPS



- Conducting a Web Search**
 - Use www.kiddle.co to conduct safe web searches using the visual search engine.
 - If using Google, teach students to type in their question and then add the word "after" anything they type in for better search results.
 - Both options will bring more relevant results and be less likely to lead them to inappropriate content.
- Image Search**
 - Students can learn a lot from pictures, so allow them to do an image search if it is appropriate for their question.
 - Recommend using Kiddle exclusively for these searches to avoid inappropriate results.
- Use The iPad Dictation Tool**
 - If you have iPads in your classroom, they will make searching the web much easier & faster for young students with limited spelling abilities.
 - Students simply click the search bar, then tap the microphone button and ask their question (eg How do baby sea turtles find the ocean?) from results just like that!
- Use The iPad Keyboard Speech Option**
 - Again if you have iPads in your classroom, turn on the iPad to speech option so that students can have web pages and other text read to them.
 - Go to Settings > General > Accessibility > Speech Selection. After you slide it on, you can choose the speed as well as if you would like the words highlighted.
- Now highlight a word, sentence, paragraph or entire page of text. When you have the text highlighted you will now have a speech option that comes up with the other options such as copy and paste.
- The video is short, but you no longer have to answer "what is the word?" lol!

TECH TIPS



QR CODE: VIDEOS



National Geographic Kids



Wildlife



Animal Fact Guide



Sea World



Conserve Sea Turtles



BOOKS, TECH TIPS, AND MORE!

ANCHOR CHARTS W/STUDENT PAGES

REPTILE

SCUTE

JUVENILE

MIGRATE

CLUTCH

HATCHLING

Sea Turtle VOCABULARY

Name: _____

Sea Turtle KWL

KNOW _____

WONDER? _____

LEARN _____

Sea Turtle SCHEMA

QUESTIONS

Sea Turtle LEARNING

Sea Turtle QUESTIONS

Sea Turtle LEARNING

STUDENT VOCAB. BOOKS

LABELING CRAFTIVITY

Options for LABELING

Directions for CRAFTIVITY

- Copy pattern pieces onto designated color of paper.
- Give the pattern pieces to students to cut out.
- Glue the head behind the shell of the top.
- Glue one large flipper behind each side of the shell near the top.
- Glue one smaller flipper behind each side of the shell near the bottom.
- Glue the tail behind the shell of the bottom.
- Glue small googly eyes to the turtle's head.
- Add scute shapes to the shell with a black marker. (Right by drawing a large oval around the outline). Then add 1 or 2 connected hexagons down the middle. Connect the points on the hexagons to the oval with straight lines. Draw small lines from the oval to the outer edge of the shell.
- Glue the cut up pieces of brown tissue paper to the flippers and head to add texture.
- Glue the cut up pieces of a plain sheet of paper.
- Glue the labels next to the correct parts and add lines for the labels.

LET'S LEARN ABOUT: Sea Turtles

GRAPHIC ORGANIZERS

Name: _____

Book: Sea Turtles 

MAIN IDEA: Name: Let's Compare

SUPPORTING DETAILS: SEA TURTLE TORTOISE

Name: Sea Turtles 

CAN	HAVE	ARE



MIGRATE: _____

REPT: _____

CLITTER: _____

SEA TURTLE FACTS

SEA TURTLE LIFE CYCLE

PARTS OF A SEA TURTLE

TABLE OF CONTENTS

Page(s)

All About SEA TURTLES

Name: _____

NONFICTION WRITING

HANDS ON ACTIVITIES

Hands On: SEA TURTLE NESTS

Question: How do scientists move sea turtle nests?

Procedures: _____

Ahead of time: Prepare 2 large plastic bins of sand.

Experiment: OIL SPILL CLEAN UP

Is beef clean up an oil spill?

amount of water into 3 bowls until they are equal.

Begin adding the vegetable oil to the top of the water in each bowl. (If you are unsure of the amount, use a measuring cup.)

Observe the oil as it is added to the water. Draw your observations.

Which item, cheese or polypropylene cloth will be the best at cleaning up the oil?

Place one item in each bowl, to clean up the oil.



Sea Turtle Group PROJECT RUBRIC

Name: _____

Group REFLECTION 

Things that went well in my group: _____

Name: _____

Sea Turtle PROJECT NOTES

Names: _____

Group PLANNING  

WE WILL PRESENT: _____

MATERIALS WE NEED: _____

Name: _____

Sea Turtle RESEARCH

Source: _____

GUIDING QUESTION: _____

MY THINKING: _____



GROUP RESEARCH PROJECT

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