

# Dinosaurs and Reptiles

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Week 1 & Week 2

Eager Engineers Age 3-5-year-old



# Learning Objectives

## Math

- Measuring
- Addition and subtraction
- One to one number correspondence
- Identifying numbers 1-15
- Compare object or events by length, height, weight, temperature, volume and time.

## Science

- Record observation using both pictures and words
- Mammals, reptiles, amphibians
- Types dinosaurs/reptiles
- Carnivores, herbivores, omnivores
- Exploring nature
- Understanding of how dinosaur and reptiles are born
- Paleontologist
- Understanding of fossils and bones

## Technology

- Computer Science

## Engineering

- Natural made worlds vs human made world

## Language Arts

- Introduction to Authors and Illustrators
- Cutting and Paste
- Fine motor skills
- Writing complete sentences
- Rhyming
- Identify and recognize uppercase and lowercase letters

## History

- Recognize past and present events
- Understanding the extinction of dinosaurs

## Foreign Language:

- Speaking and writing Spanish in sentences.
- Word recognition

## Music/Art

- Singing and dancing
- Playing instruments
- Demonstrating the difference between the singing voice and the speaking voice
- Paint, Color, Draw
- Stamping

## Vocabulary

English: Dinosaur, Reptiles, Fossils, Herbivore, Carnivore, Omnivore

Spanish: el dinosaurio, el reptiles, el fósil, el Herbivoro, El Carnivoro, El Omnivoro

## Words of the Week

Week 1: Extinct, Paleontologist

Week 2: Reptile, Fossil



## Teacher! Check your knowledge...

Before Teaching any lesson it's important to know what you are teaching. Here are some topics to research before implementing this lesson plan into your classroom:

Topics!

### Dinosaurs

- Different types of Dinosaurs and Reptiles
- What is a Paleontologist?
- What is a herbivore, carnivore, and omnivore?
- Timeline and history of dinosaurs

### Reptiles

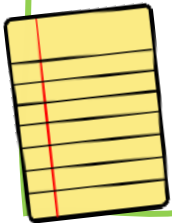
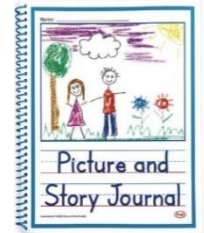
- Reptile characteristics
- Difference between an alligator and a crocodile
- Difference between reptile, mammals, and amphibians

## Suggested Material Guide

Please review the lesson plan to see what items are needed to complete the lesson.

Items Included:

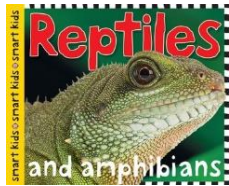
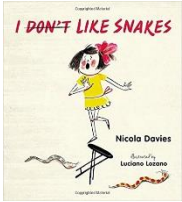

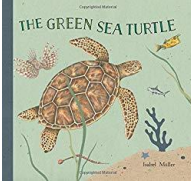
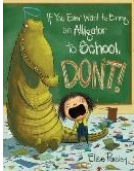
- Kid Tweezers
- Magnifying Glasses
- [Upper-case and Lower-case Dino-Match](#)
- [Pre-Kindergarten Writing Journals](#)
- [Crocodile Dentist Game](#)



## Week 2: Dinosaurs and Reptiles

Eager Engineer: Age 3-5-year-old



Week 2	Day 6	Day 7	Day 8	Day 9	Day 10
<b>STEM Lesson</b>	<p>Reptiles or Not?</p> <p>Students will learn what a reptile is, and sort toy animals into a reptile <u>or</u> not reptile group.</p>	<p>Snakes</p> <p>Students will learn some fun facts about different types of snakes.</p> <p><b>Math Activity:</b> Marble snake Counting</p>	<p>Reptile Sensory Bin</p> <p><b>Pre-K Math Extension:</b> Reptile Roll and Cover</p>	<p>Sea Turtles</p> <p>Floating Sea Turtle experiment</p>	<p>Alligators</p> <p>Feed Mr. Alligator Counting and Phonics Activity.</p>
<b>Language Arts</b>	<p>Reptiles vs Not a Reptile Cut and paste</p>	<p>S in for Snake: Letter Tracing</p> <p>Pre-K Writing Extension</p>	<p><b>LA Centers:</b></p> <ol style="list-style-type: none"> <li>1. Dinosaur Floor Puzzle</li> <li>2. Letter Tracing</li> <li>3. Name Writing Practice</li> </ol>	<p>Life cycle of a Turtle Cut &amp; Paste</p>	<p>Pre-K Writing Extension</p>
<b>Art / Music /Physical Education /History</b>	<p><b>Music and Movement</b></p> <p>Sing and dance to a new song. <b>I'm Being Swallowed by a Boa Constrictor</b></p>	<p><b>Art</b></p> <p>Beaded Snake Craft</p>	<p><b>P. E</b></p> <p>Gross Motor Activity: Lily pad Number</p>	<p><b>History</b></p> <p>Reptile Geography: Where do Reptile live?</p>	<p><b>Art</b></p> <p>Shape Mosaic Chameleons</p>
<b>Book of the Day</b>	<p><u>Smart Kids: Reptiles and Amphibians</u> by Roger Priddy</p> 	<p><u>I (Don't) Like Snakes</u> by Nicola Davies</p> 	<p><u>The Mixed-Up Chameleon</u> By: Eric Carle</p> 	<p><u>The Green Sea Turtle</u> by Isabel Muller</p> 	<p><u>If You Ever Want to Bring an Alligator to School, Don't!</u> by Elise Parsley</p> 

# Dinosaur and Reptiles

## Day 9

### STEM LAB! Floating Sea Turtles

Materials: For this lesson plan you will need:

- Water table or Sensory Table
- Plastic bottles
- Card stock
- Towels

Instructions: Review the instruction [Here!](#) To make your soda bottle floating turtles.

**Story Time!** Start by reading [The Green Sea Turtle](#). Refer to the READ ALOUD.

**Let's Get Started!** After building your floating turtle with the students. Place them in the water table to see if they will float! Let the students playing with their turtles.



## READ ALOUD

**BEFORE YOU READ!** Ask students what they know about turtles? Where do turtles live? Are they big or small?

**AS YOU READ!** The story breaks down the life cycle of a turtle. Be sure to emphasize these key points while reading.

**AFTER YOU READ!** Review the Life Cycle of a Turtle.

## Language Art!

### Life Cycle of a Turtle Cut and Paste

For each student create a four flap foldable. Reference photos. Have students cut and paste the turtle life cycle in the correct order. [See page 19 For Turtle Life Cycle.](#)

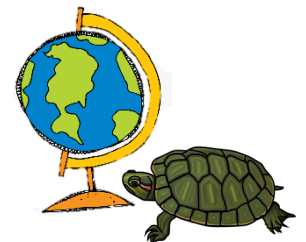
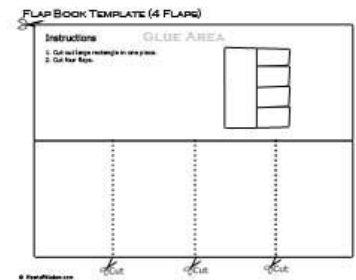
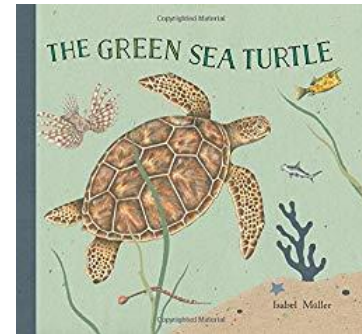
## History!

### Reptile Geography

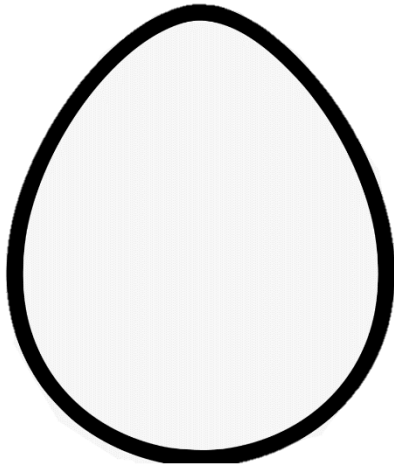
On a large map of the world or a globe have students place photos of reptiles in their correct habitat. Ask questions like...

“Do reptiles like to live where it is cold or hot?”

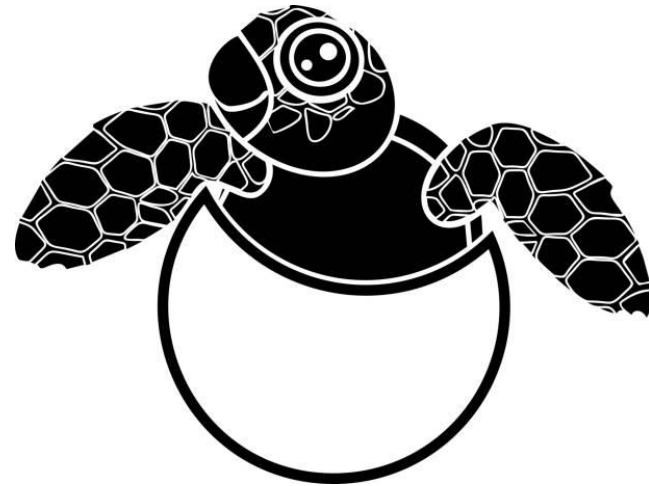
“Do some reptiles like to live in water?”



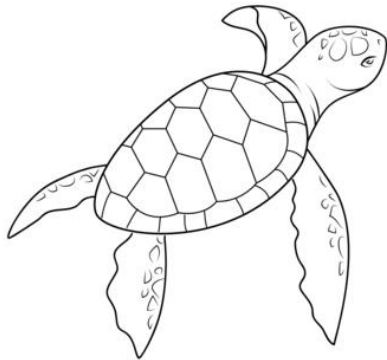
**Egg**



**Hatched Egg**



**Baby Turtle**



**Adult Turtle**

