

CIC Lesson Plan

Lesson Name The Differences Between Turtle and Tortoises

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For Grade 1

Related CA Science Standards and Vocabulary

Specific standards and new vocabulary related to lesson

CA Science Standard(s):

Different external features of living things help them thrive in different environments. Needs of living things and how animals meet needs

Vocabulary Definitions:

Carapace – top shell

Plastron – bottom shell

Flippers – webbed feet

Beak – sharp mouth with no teeth

shell – fingernail like covering attached to the skin

Introduce and Engage

Making personal connections, engaging curiosity, building connections to kids' experiences

Personal Introduction: *What do you do for work, hobbies, play? Why are you interested in this topic?*

I work and take classes at CSUEB. I have two horses, a dog, two tortoises, and three turtles. I love all of my animals and enjoy their company. It is important for me to know all about them so that I can properly care for them.

Building Connections to Kids' Experiences: *Can you think of an experience most kids would have related to your topic? Is there something to show that will grab their attention? Or can you pose a mystery with a question about something they see everyday?*

Have they seen turtles before? Have they seen them in movies? I can show them the turtles and tortoises up close and let them touch them. I can also let the tortoises eat in front of them.

Learning Experiences

What kids will see, do, hear, touch, taste or make.

Any combination of demonstrations, hands-on activities, and pictures that helps kids explore new ideas. Describe specific experiences in the order you plan, including instructions you need to give students.

While showing the animals I am going to explain the differences and similarities in them, including habitat, diet, activities, and defenses.

I will ask for their personal experiences with similar animals.

I will talk about how some turtles and tortoises are endangered and what they could do to help.

I will then review what they have learned using a VEN diagram (two big circles overlapping) on the board, as well as vocabulary.

If time allows I will ask the children to draw their favorite turtle or tortoise.



Sharing Experiences & Building Ideas

How kids will share experiences and build links to ideas and vocabulary.

Sharing and Interpretation: *Ideas for questions to invite sharing and guide interpretation of experiences.*

Have they seen turtles before, maybe at the zoo?
What did the different shells feel like?

Closing Statements: *connect experiences to larger world, big ideas, vocabulary.*

Endangered Species like sea turtles that are protected by law.
Talk about celebrity turtles like Crush from Nemo.

Follow-On Activities

Ideas for follow-on activities, your favorite kid books, things to notice

Ask Teacher and kids to write a letter about what they learned. Include drawings!

Recommended books: Turtle Bay, Picotta
Turtle, Turtle, Watch Out!, Sayne

Materials and Preparation in Classroom

Required materials and classroom set-up for complete lesson.

Volunteer Brings:

Animals, food, sanitizing wipes

Classroom Needs:

Chalkboard, paper towels for possible accidents, access to about 2-3 gallons of water

Set-Up Requirements:

Clear floor space to set up a circle or half circle for kids to sit in and allow animals to move around in front of them

