

DINO DANA

DINO DANA 515

ALL IN THE DINO FAMILY

Watch as I discover why the Kentrosaurus and Stegosaurus, who are in the same dino family, are fighting!

QUESTION:

Why would two dinos from the same family fight?

BACKGROUND RESEARCH NOTES:

Some dinos look a little bit different — like how many spikes they have — but they actually belong to the same family.

MY PLAN:

Become a Stegosaurus to see if the Kentrosaurus will attack me.



FIELD NOTES:

- ★ When I got close to the Kentrosaurus wearing my Stegosaurus costume, it attacked me and destroyed my costume! But I don't know why...
- ★ The real Stegosaurus came back. Once it got close to the Kentrosaurus, the two dinos started fighting again!
- ★ I realized that they were fighting over a bucket of water, not to hurt each other. Just like sisters and brothers fight over things they don't want to share!



FINDING:

Some dinosaurs compete for food and water, even ones from the same family! Just like siblings.

FOR PARENTS

ABOUT THE EPISODE: Dana embarks on a new experiment to find out why two dinosaurs from the same family—the Stegosaurus and Kentrosaurus—are fighting. Dana finds out that even though some dinosaurs are from the same family, they still compete over food and water. This episode teaches children that dinosaurs belong to different families.

EXTENSION ACTIVITY: What does your family look like? Create your own family portrait.

Grab a piece of paper and some crayons and draw a picture of your own family.

1. What makes each of your family members the same? Do you have the same hair colour? Do you like the same kinds of clothes? Write down some similarities.
2. What makes each of your family members different? Are you different heights? Are your eyes different colour? Write down some differences.

When you are done drawing your family portrait, try drawing a portrait of your favourite dinosaur family.

HEART MOMENT: In this episode, Dana borrows Saara's robe without asking. Saara gets upset because Dana always borrows her things without asking first. Dana eventually apologizes when she realizes that Saara is really upset. Can your child think of a time that something similar has happened to them? How did they feel when this happened? This is a good opportunity for you to talk to your child about the importance of asking to borrow things before taking them. Sharing, turn taking and personal space are important topics to discuss with children at this age.

CURRICULUM EXPECTATIONS

KINDERGARTEN

- 13.3** Select and use materials to carry out their own explorations.
- 14.3** Recognize, explore, describe and compare patterns in the natural and built environment.
- 22.1** Communicate their ideas about something through music, dance, and/or visual arts.
- 23.1** Use problem-solving skills and their imagination to create drama and dance.
- 25.2** Identify and talk about their own interests and preferences.

GRADE 1 SCIENCE: UNDERSTANDING LIFE SYSTEMS NEEDS AND CHARACTERISTICS OF LIVING THINGS

- 2.3** Investigate and compare the physical characteristics of a variety of plants and animals, including humans.
- 3.2** Identify the physical characteristics (e.g., size, shape, colour, common parts) of a variety of plants and animals.

GRADE 2 SCIENCE: UNDERSTANDING LIFE SYSTEMS GROWING AND CHANGES IN ANIMALS

- 2.2** Observe and compare the physical characteristics (e.g., fur or feathers; two legs or no legs) and the behavioural characteristics (e.g., predator or prey) of a variety of animals, including insects, using student-generated questions and a variety of methods and resources.
- 3.1** Identify and describe major physical characteristics of different types of animals (e.g. insects, mammals, reptiles).

GRADE 1 SOCIAL STUDIES

- A2.2** Gather and organize information on significant events, people, and/or places in their lives that contribute or have contributed to the development of their roles, relationships, responsibilities, and identity/sense of self, using primary and/or secondary sources that they have located themselves or that have been provided to them.

GRADE 2 SOCIAL STUDIES

- A3.1** Identify and describe different types of families.



DINO EXPERIMENT _____

QUESTION: _____

BACKGROUND RESEARCH NOTES:

MY PLAN:

FIELD NOTES:

FINDING:

THIS OR THAT!

QUESTION 1:

Which of the following
dinos is in the
Stegosauridae family?
That's the same family
as the Stegosaurus.



QUESTION 2:

What do dinos in the
Stegosauridae family
— like the Stegosaurus
and the Kentrosaurus
— have in common?



QUESTION 3:

Which dino has more
spikes?



SORTING GAME

Sort these items by drawing a line from the object to the right category. Sort these dinos into the right family.



**CERATOPSIDAE
FAMILY**

**TYRANNOSAURIDAE
FAMILY**

CATEGORY SELECTION

Select all the dinos that are part of the Stegosauridae Family.



WORD JUMBLE

Unscramble the letters to find the missing word!



The Stegosaurus has 24 _____.

SIPKSE



Some dinos look a little bit different but they
belong to the same _____.

YILMAF



Even dinos from the same family compete
over _____ and water.

OFOD

PUZZLE

Cut along the solid white lines to make a puzzle.

