



Ted Alejandre, County Superintendent

San Bernardino County

Superintendent of Schools

Transforming lives through education

Monday, May 18

2:00pm

**Nature: "Raising the Dinosaur Giant" –
4th thru 8th grade**

Witness the work of paleontologists bringing the largest dinosaur ever discovered to virtual life. Sir David Attenborough guides us through the remarkable process, connecting the dots with living examples, other dinosaur discoveries and CGI visuals.

After watching this episode, choose from the following questions and/or tasks to extend your learning

Question Box 1

- What is the author telling us?
- In less than 5 sentences, state the key message for this episode?
- What did you learn after watching this program?
- What is the program's purpose? How do you know?
- Describe the physical attributes of the sauropod dinosaur.
- How did they change physically over time?
- Describe the step-by-step process that the paleontologists used in this episode.
- How big was the thighbone that was uncovered?

Question Box 2

- What did you find most interesting and why?
- How much did you know about the subject before we started?
- How do you feel about this program? Why?
- What did/do you enjoy about this program?
- If someone else were looking at this program, what might they learn?
- How do you think the paleontologists feel as they discover and unearth bones dating back millions of years?

Box 3 (Tasks)

- Research and describe the environment of the giant dinosaur 110 million years ago.
- From the video description, draw a picture of what you think the giant dinosaur looked like. Label your illustration with the names of the bones you drew.
- Write a narrative titled, "A Day in the Life of the Sauropod." Use factual information in

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your description.

- Create a children's book about the Sauropod
- Imagine that you are the paleontologist who discovered the giant femur. Write a journal entry describing the discovery, your emotions, and questions you might have had.

Box 4 (Enrichment)

- Research and describe other dinosaurs found in this area from 110 million years ago.
- Compare the femur (thigh bone) of the giant dinosaur to a human. If a human had a femur the size of the giant dinosaur, all things considered equal, how tall would the human be?

Box 5 (Extend/Real-Life)

- How does studying the history of the earth help us understand the present and predict the future?
- What is the main difference between a Paleontologist and an Archaeologist? Not sure watch these videos to find out:
 - <https://www.youtube.com/watch?v=1FjyKmpmQzc>
 - <https://www.youtube.com/watch?v=zOJICdMvWAI>
- **What if?** Pretend you are an archaeologist 500 years in the future.
- Make a list of at least five artifacts you would find.
- For each of the five artifacts explain what the item tells you about the people who lived at the time.
 - If you find this difficult, watch this video below first:
<https://www.yourfreecareertest.com/archeologist/>
- How could the information you found help the people who are living 500 years in the future?
- Geologists now suggest that we are in the Anthropocene age. What is the Anthropocene age and what evidence supports the claim that we are in that era?