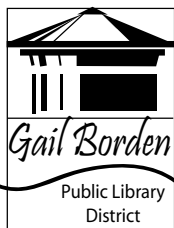


Fine Arts

- Draw the skull of SuperCroc and label the parts of the drawing.
- List what materials you need to make a model of the SuperCroc.
- Make a model of the earth during the geologic period the SuperCroc existed.
- Author a scene acting out the times of the SuperCroc.
- Make a diorama showing SuperCroc in its natural environment.
- Make your own fossils.

Discover more about SuperCroc at
www.gailborden.info/supercroc/

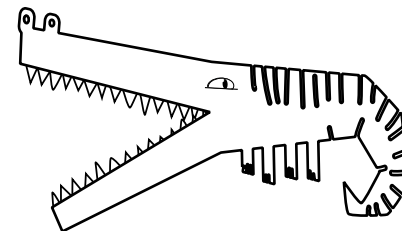


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Field Guide for Grades 4 - 8

The Science of SUPERCROC



Math

Meet SuperCroc using the exhibit panels, then answer these questions.

1. What is the length of SuperCroc's skull? _____
2. Convert the skull measurements to different units (example: feet to inches or feet to meters.) _____
3. Create a ratio comparing the size of SuperCroc's head to its body _____ and another ratio comparing the growth period of SuperCroc to that of a modern alligator.

4. Estimate how many steps it would take to match the length of SuperCroc and then check your estimate by trying it.
Estimate: _____ Real: _____
5. Create an approximate ratio comparing the strength of a T-rex, which was able to lift _____ lbs. with that of the Suchomimus, which could lift with a force of _____ lbs.
Ratio: _____
The Suchomimus is approximately how many times stronger? _____
6. SuperCroc's eggs probably weighed more than _____ but less than _____. (Dig Site 7)

Science

Draw a line from the term to its matching definition:

Fragile	• A scientist who studies life from the geologic past, especially fossils
Sedimentary Rock	• Easily damaged
Fossils	• A journey taken by a group of people for a specific purpose
Environment	• Dig out
Paleontologist	• Surroundings in which animals or plants live (ex. desert)
Expedition	• One of 3 main groups of rocks, often found in layers that may contain fossils
Excavate	• Remains or imprints of an organism from a previous geologic period

Use the exhibit panels to answer these questions:

1. Name the desert and country in which the skull of SuperCroc was found _____ (Dig Site 2).
2. What determines if a croc is a boy or a girl? (Dig Site 7)
_____ .
3. What did the scientist have to count in order to determine SuperCroc's age? _____ (Dig Site 11).
4. Adult SuperCroc developed a taste for _____
_____ (Dig Site 5).
5. The SuperCroc lived _____ years ago during the _____ period (Dig Site 1).
6. What is the scientific name for SuperCroc?

Notes of expedition:

These activities could be done at home or at the library.

English/Language Arts

- Explain why the bones were found in the desert when crocs need water?
- Create a "family tree" for SuperCroc.
- Write a journal entry imagining a day in the life of a SuperCroc.
- Write a poem.
- Pretend you are a newspaper journalist and write an informational piece about Gail Borden's new exhibit "SuperCroc."
- Describe how and where you might find your own fossils.
- Write a "research paper" about the SuperCroc.
- Compare and contrast items you might take on a modern camping trip with those needed for an extended desert expedition.
- Compare and contrast the earth during the time of SuperCroc to the earth in 2013.