

DINOSAUR RESEARCH



Time: approximately 3 class periods

Instructional Goals:

- The student will use the *PebbleGo Dinosaurs* database to research and take notes about a dinosaur.
- The student will use research notes to prepare a presentation for the class.
- The student will be introduced to the importance of citing an information source.

Materials/Resources:

- ***PebbleGo Dinosaurs*** online database
- **Dinosaur Research Notes** booklet
- **Dinosaur Presentation Script**, if desired

Procedures/Lesson Activities:

Focus

1. Have students brainstorm the names of dinosaurs they are familiar with. Make a list of their answers.
2. Tell students that scientists have discovered dinosaur fossils all around the world, and they believe there are still many more types of dinosaurs that haven't been discovered yet.
3. Explain that there are hundreds of different dinosaurs that we have learned about from the discovered fossils.

Teach/Model

4. Show students the *PebbleGo Dinosaurs* database. Browse through the dinosaur articles to give them an idea about the many different types of dinosaurs already discovered.
5. Demonstrate the *PebbleGo* read aloud feature that teaches how to pronounce the difficult dinosaur names.
6. Explain to students that they will choose one of the dinosaurs from the *PebbleGo Dinosaurs* online database to tell the class about. They will need to research the dinosaur before their class presentation to ensure they share correct information about the dinosaur.

Guided Practice

7. Brainstorm with students the types of information they would want to tell the class about their dinosaur. Ideas might include:
 - a. When and where did the dinosaur live?
 - b. What did the dinosaur look like?
 - c. What did the dinosaur eat?
 - d. How did the dinosaur move?
 - e. Who were its enemies (predators)?



8. Give each student a copy of the *Dinosaur Research Notes* booklet. Go through the booklet with students, reviewing the directions on each page.
9. Explain to students that since they are researching, they must make sure any information they write or draw in their notes matches the information from *PebbleGo*, which is their information source. (They must prove their answers. They should not write information they already know without being able to prove it with an information source.)
10. Show students how to choose one dinosaur article. Navigate through the article's tabs of information. Point out that they can click words in red and hear a definition of the word. Show the Range Map underneath the article; explain that the Range Map illustrates where the dinosaur lived.

Independent Practice

11. Allow students to research their chosen dinosaur and complete the *Dinosaur Research Notes* booklet. (If needed, pace students through the booklet, page by page, reading aloud the directions and giving them time to locate and record their answers before moving to the next question.)
12. As they work, periodically ask students to prove the information in their notes by showing where they found it in the *PebbleGo Dinosaurs* database.
13. Give students time to prepare and practice their class presentation. If desired, have each student complete the *Dinosaur Presentation Script*.

Closure

14. Students present their dinosaur information to the class.

Extend/Enrich

- Students create a video about their dinosaur using a free movie making app or program. They may include original drawings of the dinosaur and a photo of their range map in the video. Upload the videos and create QR/augmented reality codes for students and parents to watch on a smart device.
- Students create a large mural, range map, or timeline of all of the researched dinosaurs to hang in the classroom or hallway.
- Students imagine types of dinosaurs that have yet to be discovered. Have students draw their imaginary dinosaur, name it, and decide what it would eat, where it would live, etc.

Name: _____

Dinosaur Presentation Script

Write a script to use for your class presentation.

The name of the dinosaur I researched is _____

This dinosaur lived _____

The most interesting thing I learned about this dinosaur is

Bibliography:_____

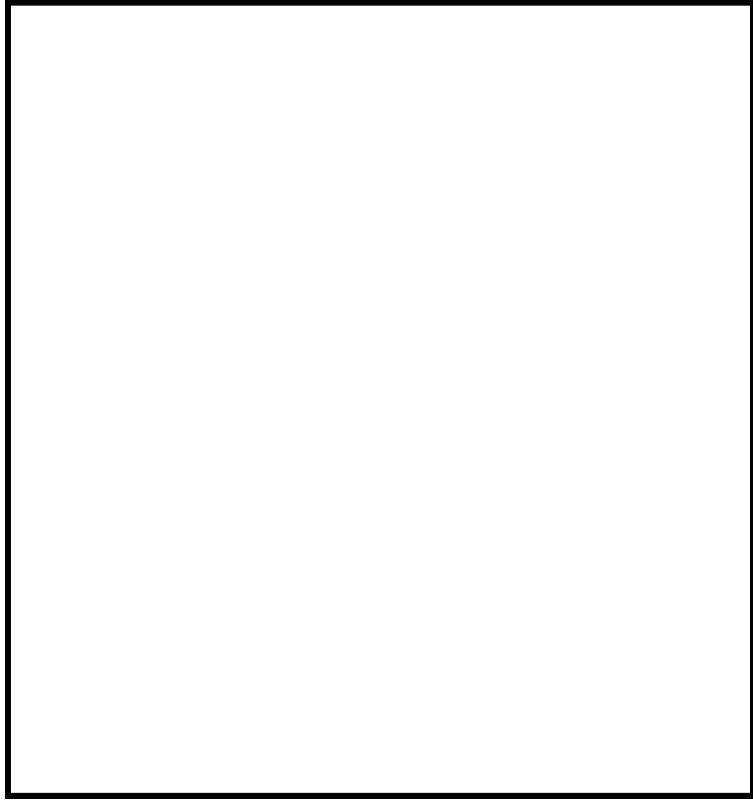
Write or draw one more interesting fact about this dinosaur.



Bibliography

I used this source for my research:

Dinosaur Research Notes About



Draw and color a picture of this dinosaur.

Research Notes By

What size was this dinosaur? Circle your answer.

large

medium

small

Color the range map to show where this dinosaur lived.



This dinosaur lived _____ million years ago.

Was this dinosaur fast or slow? Circle your answer.

fast

slow

What did this dinosaur eat? Circle your answers.



plants



insects
& lizards



small
animals



big
dinosaurs



fish



small
dinosaurs