

# Ames Public Library @HOME Activities

## Paleontology!

Paleontology is the study of fossils—both animals and plants! These animals and plants lived a very, very long time ago. We can learn a lot from their remains about how the world used to be. One of the most exciting things that paleontologist can learn about is dinosaurs! Paleontologists work hard to dig up dinosaur fossils. See a video about paleontology on the Library's YouTube Channel at <http://bit.ly/APLvideos>.

### Books and Media:

| Title   | Author / Performer                        | Call Number       |
|---|---|-------------------|
| <i>Dinosaur Discovery: Everything You Need to be a Paleontologist</i> | McGowan, Chris                            | J 560 MCG         |
| <i>Exploring Fossils: Paleontologists at Work</i>                     | Olson, Elsie                              | J 560 OLS         |
| <i>You Can Be a Paleontologist!</i>                                   | Sampson, Scott D.                         | J 560.23 SAM      |
| <i>The First Dinosaur</i>   | Lendler, Ian                              | J 560.9 LEN       |
| <i>How the Dinosaur Got to the Museum</i>                             | Hartland, Jessie                          | J 567.9 HAR       |
| <i>Dinosaurs by the Numbers</i>                                       | Jenkins, Steve                            | J 567.9 JEN       |
| <i>Born to be Giants: How Baby Dinosaurs Grew to Rule the World</i>   | Judge, Lita                               | J 567.9 JUD       |
| <i>Dinosaur</i>   | Lambert, David                            | J 567.9 LAM       |
| <i>Everything Dinosaurs</i>   | Hoena, Blake                              | J 567.91 HOE      |
| <i>A Dinosaur Named Sue</i>   | Relf, Pat                                 | J 567.91 REL      |
| <i>Digging Up Dinosaurs</i>   | Aliki                                     | J 568 ALI         |
| <i>Bill Nye the Science Guy: Fossils</i>                              |   | J 560 (DVD) NYE   |
| <i>Dinosaur (DVD)</i>   | Eyewitness series                         | J 567.9 (DVD) DIN |
| <i>Dinosaur George live! (DVD)</i>                                    | The Dinosaur World Classroom Series; v. 1 | J 567.9 (DVD) DIN |

### Websites:

| URL   | Notes   |
|---|---|
| <a href="https://www.ihr.uiowa.edu/igs/dinosaurs-in-iowa/">https://www.ihr.uiowa.edu/igs/dinosaurs-in-iowa/</a> |   |
| <a href="https://bit.ly/3qhX8K9">https://bit.ly/3qhX8K9</a>   | Links to the Iowa Department of Natural Resources article " <i>Iowa's Land Before Time: Prehistoric Life Still Around Today</i> " |

### Vocabulary

**Carnivore**—An animal that eats only meat

**Dinosaur**—One of the main group of animals on Earth for over 150 million years. The word dinosaur is Greek for "terrible lizard"

**Fossil**—The remains of an ancient plant, animal, or other life-form that have been at least partially replaced by rock

**Herbivore**—An animal that eats only plants

**Omnivore**—An animal that eats both plants and animals

**Paleontologist**—a scientist who studies fossils



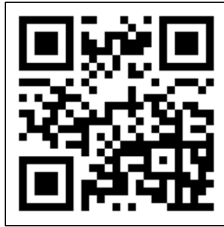
## Take Away Kit: Dinosaur Fossil Egg Activity

### Bag Contents:

- 1 Dinosaur Fossil Egg
- 1 Chisel/brush tool
- 1 Dinosaur fact sheet

Your dinosaur egg contains an unique dinosaur! To get to it, use the chisel/brush tool to dig through the egg. Once you extract your dinosaur, you can clean it up by using the brush part of your tool. The fact sheet provided can help you identify and learn about your dinosaur.

*If you would like to learn more about dinosaurs and how they get their unique names scan the codes below for more information:*



<https://www.scholastic.com/teachers/articles/teaching-content/dinosaurs-dinosaur-names/>



<https://www.amnh.org/dinosaurs/dinosaur-names>