



# THE KEY TO FOSSILS

## 5th, 6th, 7th, and High School Grades

### DESCRIPTION

Tour through the Fossil Gallery geologic timeline to study a huge variety of early life. Students learn how to use a dichotomous key to classify and identify actual fossil specimens.

### FIELD TRIPS FOR ALL

Program will run for approximately 1.5 hours.

#### 30 MINUTES – GALLERY TIME

- Definition of a fossil
- Explain how fossils are formed and are dated
- Explain the different types of fossils

#### 30 MINUTES - LAB

- Define classification
- Define a dichotomous key and how it is used
- Students will then utilize a dichotomous key to classify several actual fossils

#### 30 MINUTES

- Excavate a genuine shark tooth fossil and discuss Careers in Paleontology information

### VIRTUAL FIELD TRIP PLUS

Program will run for approximately 1 hour.

#### 30 MINUTES – VIRTUAL CLASS

- Definition of different types of fossils
- Interpreting clues from fossils
- Classifications
- Why a dichotomous key is important

#### 30 MINUTES - Q & A SESSION

- Why was the Brontosaurus reclassified
- Fossil Samples
- Careers in Paleontology

#### CURRICULUM PACKET

- Vocabulary Crossword & Word Search
- Scavenger hunt (to be used with pre-recorded video)
- Pre-recorded Video

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GEORGIA STANDARDS OF EXCELLENCE

S5L1a; SS1,7,11,12; SSS8,10; S6E5g; SS1,7,11,12; SSS8,10; S7L1a;  
S7L5c; SS1,7,11,12; SSS8,10; SES4; SS1,7,11,12; SSS8,10

