



Name \_\_\_\_\_ Period/Class \_\_\_\_\_ Date \_\_\_\_\_

## Deep Time Detectives- Page 1 Student's Edition

What does doing science look like for a paleontologist trying to understand Earth's history?

1. Watch *Paleontology: Paleontologists Study Tracks and Traces*.

- Who is your "Spotlight Scientist?" How are they similar or different to what you imagine a scientist looking like?
- Describe the geologic site featured in the video. How did your scientist use fossil records and rock layers to interpret Earth's history?
- What time period in Earth's history did the fossil record and rock layers tell your scientist a story about?
- What skills (science or otherwise) might it be helpful for a scientist, either a paleontologist or geologist, to have?
- How is what the scientist does similar to what you did in the schoolyard? Different?
- How is what the scientist does similar to what you did to represent and interpret rock layers and fossil records in the classroom? Different?