Earth History Teaching Slides, 9.1
1. What is one thing you have learned in the FOSS Earth History Course that you didn’t know before?

2. What are two things you remember about the Grand Canyon?
Activate prior knowledge

Return to the focus question from Investigation 2, Part 2.

• How did weathering and erosion contribute to the formation of the Grand Canyon?
View online activity

“Grand Canyon Revisited”

Earth History Course, 9.1: Revisit the Grand Canyon
Step 2
Focus question

• What is the geologic story of the Grand Canyon?
Begin the tour

Notebook sheets 49–50, Grand Canyon Revisited A and B
Discuss Grand Canyon geology

1. What types of rocks are found at the Grand Canyon?
2. Which rocks are the oldest rocks at the Grand Canyon?
3. How has the Grand Canyon changed over time?
“Grand Canyon Rock Columns”

Turn to “Grand Canyon Rock Columns” readings in FOSS Science Resources starting on page 190.
Colorado Plateau over Time

1840 mya

Existing rocks change into metamorphic rocks, such as gneiss
Project the time line

Teacher master QQ, *Time Line of the Grand Canyon*
The Grand Canyon story

• What is the geologic story of the Grand Canyon?
Homework

“Rock Column Movie Maker”
Describe the animation you created for the geologic history of the Grand Canyon.