

Name: _____

Unit 2 Exploration Review Sheet

Date: _____



Label the four colonies in North and South America

1. _____

2. _____

3. _____

4. _____

5. What are the three motivations for European exploration?

6. Why was Columbus's voyage important?

1. _____
2. _____

7. What new technologies were helpful in European exploration?

1. _____
2. _____
3. _____

8. Comparison Chart: Describe the characteristics of the 4 exploring nations below.

	England	France	Spain	Portugal
Geography				
Treatment of Native Americans				
Economy				
Religion				

9. What is a missionary and what was their goal for coming to the “New World”?

10. Define: Columbian Exchange _____

11. What was the effects of the Columbian Exchange on both the Eastern and Western Hemispheres?

Eastern Hemisphere	Western Hemisphere

Was There Water on Mars?

Rover *Opportunity* finds new evidence of water on Mars

By Sara Goudarzi | October 5, 2011

NASA's rover *Opportunity* has found new evidence that water may have once existed on the planet Mars. The presence of ancient water is an indication that the planet could have supported life.

Opportunity discovered an ancient rock with high levels of **elements** zinc and bromine. An element is a substance made of just one type of atom. The presence of these elements suggests that the rock, which scientists have named Tisdale 2, was formed with water and heat.

OPPORTUNITY

The solar-powered *Opportunity* and its twin rover, *Spirit*, landed on Mars in 2004. *Spirit* stopped communicating with Earth in March 2010, a few months after it got stuck in a sand trap. But *Opportunity* has continued to search for and analyze Martian soil and rocks.

Last August, the golf-cart-size rover made it to the rim of a crater called Endeavour.

Endeavour is an **impact crater**, or a crater formed by the impact of a large body moving at high speed, like a meteor. Scientists estimate that the object that created the crater was about 14 miles across. Tisdale 2 is the first rock *Opportunity* has examined on this site. Because of this, scientists aren't sure yet if Tisdale 2 is the only one of this type of rock or just one of a whole system of rocks formed by heat and water.

"Stay tuned," says Raymond Arvidson, deputy principal investigator of the Mars Exploration Rovers, "[because] we have a new mission and expect to make yet more exciting discoveries about the Red Planet."

1. How are the events of this article similar and different from the events that were studied in Unit 2?
