

Karst in the Ozarks Video Pre / Post Test

Directions: Read each question below and write your answer on a sheet of paper, before you watch the “Karst in the Ozarks” video and do the accompanying lesson(s). Afterwards retake the test to see your increased knowledge!

1. The term karst topography refers to what?
 - a. A region that has mountains, valleys, and floodplains.
 - b. A region that is characterized by caves, springs, losing streams and sinkholes.
 - c. An area of the Earth that existed long ago.
 - d. A type of rock.

2. Most rocks in the Ozarks are the result of which process?
 - a. Sediments settling from warm shallow seas.
 - b. Mountain building due to plate movements.
 - c. The rocks have always been here.
 - d. Most surface rocks were formed by the cooling of lava.

3. What is a watershed?
 - a. A barrel that water collects in.
 - b. The floodplain area surrounding a river where water runs off into it.
 - c. The area of land in which all surface water drains into a common waterway.
 - d. Waterways that cross over the Earth’s surface.

4. Which one of the following statements describes a losing stream?
 - a. A stream that people can’t find.
 - b. A stream that goes into storm drains.
 - c. A stream that won’t hold water during dry spells.
 - d. A waterway that a permanent pond flows into.

5. Which one of the following statements best describes a sinkhole?
 - a. A depression in the ground created when groundwater dissolves the karst rock.
 - b. A hole in the ground created by animals.
 - c. A place where trash should be dumped.
 - d. A low, sunken area next to a waterway.

6. Which statement is true about groundwater?
- Scientists have not been able to study water underground.
 - Groundwater pathways can be tested and measured using dye tracing.
 - Water underground is always pure especially if it is from a spring.
 - People in the Ozarks rarely get their water from the ground.
7. Which statement about water pollution is true?
- Water pollution is only caused by big companies that are trying to make a profit.
 - Water pollution is no longer a problem in the USA.
 - Water pollution is only harmful to wildlife.
 - Water pollution can be caused by individuals, families, businesses and communities.
8. Which statement below best describes springs in Missouri?
- Spring water once came from surface water.
 - Spring water is pure and valuable.
 - Spring water looks clear and blue, and therefore is safe to drink.
 - Spring water comes from the rocks.
9. Which statement below is NOT accurate about endangered species in Missouri caves?
- Residents in karst areas do not have any effect on cave life.
 - Residents in karst areas can protect endangered species by preventing erosion.
 - Residents in karst areas can protect endangered species by disposing of household hazardous wastes correctly.
 - Residents in karst areas can protect endangered species by maintaining septic systems properly.
10. Which statement best describes what people in the Ozarks should NOT do to sinkholes?
- People should leave trees and shrubs around sinkholes.
 - People should protect sinkholes.
 - People should identify sinkholes on their property.
 - People should place trash into sinkholes.