

Science content assessment

Directions: Complete the statement by choosing the best answer.

Life science

1. A group of cells that work together to do a specific job are
 - a. tissues.
 - b. organs.
 - c. systems.
 - d. cells.
2. This is made up of the genetic information needed to carry out cell functions:
 - a. DNA
 - b. genes
 - c. chromosomes
 - d. genome
3. Which is not a part of the respiratory system?
 - a. lungs
 - b. trachea
 - c. branches
 - d. nose

Physical science

1. A type of bond in which one or more electrons from one atom are transferred to another atom.
 - a. electron
 - b. ionic bond
 - c. covalent bond
 - d. atomic bond
2. Solids, liquids and gases are an example of what?
 - a. chemical stage
 - b. physical characteristics
 - c. states of matter
 - d. chemical changes
3. What compound produces hydrogen ions in water?
 - a. ionic compound
 - b. covalent compound
 - c. acid
 - d. base

Earth science

1. A large space rock that orbits the Sun is called
 - a. a constellation.
 - b. an asteroid.
 - c. a meteoroid.
 - d. a meteorite.
2. Water that falls to the Earth's surface is called
 - a. evaporation.
 - b. condensation.

- c. precipitation .
- d. transpiration.

3. The layer of the Earth that is in the center and is solid is the
- a. crust.
 - b. mantle.
 - c. outer core.
 - d. inner core.

Engineering

1. How can harmful substances be removed from wastewater?
2. Engineers do which of the following?
- a. design and build
 - b. do science
 - c. create new technologies
 - d. A & C
3. What is engineering?
- a. science
 - b. creating the artificial
 - c. designing bridges
 - d. a Noble Prize