

Learn About Natural Gas: A Safety & Science Activity Booklet

Pre/Post Test

Directions: Circle the correct answer.

1. Wells draw up natural gas from
a) deep in the earth b) utility poles c) tree roots d) buildings
2. Natural gas is formed from
a) ancient plants and tiny sea animals that become buried c) mixing water and dirt
b) heat and pressure beneath the earth d) both a and b
3. A normal natural gas flame on an appliance such as a gas range should be
a) yellow c) blue
b) invisible d) orange
4. Which of these things are safe to do?
a) hang things from natural gas pipes c) store flammable liquids by your gas water heater
b) keep papers and toys away from gas appliances d) play with oven knobs
5. Utilities add a chemical to natural gas that makes a gas leak smell like
a) dirt b) rubber c) sulfur or rotten eggs d) peppermint
6. What should you do if you think there is a natural gas leak in your home?
a) turn on a light c) tell an adult
b) stay inside d) use a match to locate the leak
7. A natural gas pipeline leak can be recognized by
a) continuous bubbling in a pond or creek c) a hissing, whistling, or roaring sound
b) dirt spraying or blowing into the air d) a, b, and c
8. Which substance expands to fill up the shape of its container?
a) a gas b) a solid c) a liquid d) none of these
9. When planning a digging project, for safety you should
a) move any underground pipes that are in the way c) notify all your neighbors
b) call 811 several days before digging d) call 911
10. Which of the following is NOT a good reasons to save energy?
a) to reduce pollution c) to save money
b) to reduce the need for fossil fuels d) to save time

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Answer Key

Information that relates to each question can be found on the pages listed below.

1. a) deep in the earth. Page 3
2. d) both a and b. Page 4
3. c) blue. Page 5
4. b) keep papers and toys away from gas appliances. Page 6
5. c) sulfur or rotten eggs. Pages 3 and 7
6. c) tell an adult. Page 7
7. d) a, b, and c. Page 7
8. a) a gas. Page 8
9. b) call 811 several days before digging. Page 10
10. d) to save time. Page 14