Physical Science for Kids

Physical Science · Answer Key · 20 Questions

1. Which of these objects will sink in a bucket of water?

A) A plastic toy boat
B) A small metal coin
C) A dry leaf
D) A ping pong ball

2. What happens to water when it freezes at a very cold temperature?

A) It turns into a gas
B) It turns into a solid
C) It disappears
D) It turns into fire

3. Which form of energy allows you to see colors?

A) Sound
B) Light
C) Heat
D) Wind

4. What is the name of the force that pulls objects toward the ground?

A) Gravity
B) Magnetism
C) Friction
D) Electricity

5. Which of these materials is magnetic?

A) A wooden spoon
B) A cotton shirt
C) A steel paperclip
D) A glass marble

6. What state of matter is the air we breathe?

A) Solid
B) Liquid
C) Gas
D) Plasma

7. Which of these is a source of heat energy?

A) The Sun
B) A cold ice cube
C) A mirror
D) A shadow

8. What happens when you mix blue paint with yellow paint?

A) It stays blue
B) It turns purple
C) It turns green
D) It turns black

9. Which tool is used to measure how hot or cold something is?

A) A ruler
B) A scale
C) A thermometer
D) A clock

10. What is needed to make a sound vibrate?

A) Movement
B) Darkness
C) Cold
D) Stillness

11. Which of these describes a liquid?

A) It holds its own shape
B) It flows and takes the shape of its container
C) It disappears when touched
D) It only exists in the freezer

12. What is the main source of light on Earth during the day?

A) The Moon
B) The Sun
C) A flashlight
D) A candle

13. What happens to ice when it is left in the sun for a long time?

A) It melts into water
B) It turns into wood
C) It grows larger
D) It turns into metal

14. Which object would best reflect light?

A) A piece of black felt
B) A mirror
C) A wooden table
D) A wool blanket

15. Which of these objects is a solid?

A) Orange juice
B) A rock
C) Rain
D) Steam

16. What is needed to push or pull an object?

A) Force
B) Gravity
C) Light
D) Sound

17. Which of these travels the fastest?

A) A running dog
B) A flying airplane
C) A beam of light
D) A moving car

18. If you rub your hands together quickly, what energy is created?

A) Sound
B) Heat
C) Light
D) Gravity

19. What does a shadow need to be formed?

A) A light source
B) A mirror
C) Water
D) Oxygen

20. Which material is best for blocking light from passing through?

A) Clear glass
B) Thin plastic wrap
C) A thick wooden board
D) Water