

Awesome Chemistry for Little Explorers

Chemistry · Practice Test · 18 Questions

1. What do we call the tiny building blocks that make up everything around us, like toys, food, and even the air we breathe?

- A) Big blocks
- B) Atoms
- C) Super bricks
- D) Giant LEGOs

2. What is the name of the gas in the air that we need to breathe to live?

- A) Fart gas
- B) Balloon gas
- C) Oxygen
- D) Bubble gas

3. When water gets super, super cold, what does it turn into that we can skate on?

- A) Steam
- B) Soup
- C) Ice
- D) Juice

4. What is the liquid that we drink, that can be clear and is essential for life?

- A) Milk
- B) Juice
- C) Water
- D) Paint

5. What do we call it when a solid, like an ice cube, melts and turns into a liquid?

- A) Freezing
- B) Boiling
- C) Melting
- D) Frying

6. What is the colour of most of the oxygen we breathe?

- A) Green
- B) Blue
- C) Yellow
- D) Clear

7. When you mix baking soda and vinegar, what exciting thing happens that makes lots of bubbles and fizz?

- A) It turns into candy
- B) It makes a loud bang
- C) A chemical reaction
- D) It makes a smell

8. What is the gas that makes balloons float up into the sky?

- A) Air
- B) Oxygen
- C) Helium
- D) Water vapor

9. What do we call it when a liquid, like water, gets very hot and turns into a gas that we can't see, called steam?

- A) Freezing
- B) Melting
- C) Evaporating
- D) Cooling

10. What element is a shiny, grey metal that is commonly used to make coins?

- A) Gold
- B) Silver
- C) Iron
- D) Copper

11. What common, white, powdery substance do we use to make cakes and cookies fluffy?

- A) Salt
- B) Sugar
- C) Flour
- D) Baking soda

12. What is the name of the gas that plants use from the air to make their own food and release oxygen?

- A) Oxygen
- B) Nitrogen
- C) Carbon dioxide
- D) Hydrogen

13. What is the state of matter that has no fixed shape and fills its container, like the air we breathe?

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

14. What do we call the process where a gas turns back into a liquid, like when you see water drops on a cold glass?

- A) Evaporation
- B) Melting
- C) Condensation
- D) Boiling

15. What is the element that makes up most of the air we breathe, even more than oxygen?

- A) Oxygen
- B) Carbon dioxide
- C) Hydrogen
- D) Nitrogen

16. What is the name of the sticky substance that bees make and we sometimes eat, which is made of sugars?

- A) Syrup
- B) Jam
- C) Honey
- D) Marmalade

17. What happens to a plant when it doesn't get enough water?

- A) It grows faster
- B) It wilts
- C) It turns blue
- D) It gets stronger

18. What is the element that makes rust on iron things when they get wet?

- A) Carbon
- B) Oxygen
- C) Gold
- D) Sulfur