

Name:..... Class:..... Date:.....

## Clouds

### Learning Objectives

At the end of this lesson, students will be able to:

- Define clouds
- Describe the steps in cloud formation
- Identify different types of clouds

Watch the video carefully

<https://youtu.be/pvJ9NEXt4t0>

And answer the questions below

### 1. This type of cloud is thin, wispy, and made of ice crystals

- a) Cumulus cloud
- b) Stratus cloud
- c) Cirrus cloud
- d) Cumulonimbus cloud



### 2. Which type of cloud is white and puffy?

- a) Cumulus cloud
- b) Stratus cloud
- c) Cirrus cloud
- d) Cumulonimbus cloud



### 3. Clouds form during the process of...

- a) Evaporation
- b) Condensation
- c) Precipitation
- d) Runoff



**4. What type of clouds are called "fair weather clouds" and look like floating cotton?**

- a) Cumulus
- b) Stratus
- c) Nimbus
- d) Cumulonimbus

**5. Which type of cloud is highest in the sky?**

- a) Cirrus
- b) Cumulus
- c) Stratus

**6. Which type of cloud is lowest in the sky?**

- a) Cirrus
- b) Cumulus
- c) Stratus



**7. Which term best describes water vapor?**

- a) Solid
- b) Liquid
- c) Gas

**8. What are clouds made out of?**

- a) Molecules of pure oxygen
- b) ozone and carbon dioxide
- c) water droplets, dust, and smoke particles
- d) 78% nitrogen, 21% oxygen, and 1% other gases

**9. Which type of cloud is low to the ground and covers the sky like a blanket?**

- a) Cumulus
- b) Cirrus
- c) Stratus
- d) Cumulonimbus

**10. Which type of cloud is tall and dark?**

- a) cumulus
- b) cirrus
- c) stratus
- d) cumulonimbus

**11. What type of clouds are shown in the picture below?**

- a) cumulus
- b) cirrus
- c) stratus
- d) cumulonimbus



**12. What type of clouds are shown in the picture below?**

- a) cumulus
- b) cirrus
- c) stratus
- d) cumulonimbus



**13. What type of clouds are shown in the picture below?**

- a) cumulus
- b) cirrus
- c) stratus
- d) cumulonimbus



**14. What type of clouds are shown in the picture below?**

- a) cumulus
- b) cirrus
- c) stratus
- d) cumulonimbus



**15. You and a friend are looking at the sky and notice the clouds. The clouds are sitting very high in the sky and look like thin tails. Your friend says that it will rain.**

**Which of the following statements is a correct explanation about the clouds**

- a) Your friend is right. Those are stratus clouds. Stratus clouds cause light rain or fog.
- b) No, your friend is wrong. Those are stratus clouds and stratus clouds does not produce snow or rain.
- c) Your friend is right. Those are cumulus clouds. Cumulus clouds can cause thunderstorms.
- d) Your friend is wrong. Those are cirrus clouds and cirrus clouds do not produce snow or rain.

**16. Based on this picture of clouds, which of the following weather patterns are most likely to occur?**

- a) thunderstorm
- b) light rain and fog
- c) earthquake
- d) no precipitation



**17. What is the first step in the formation of clouds?**

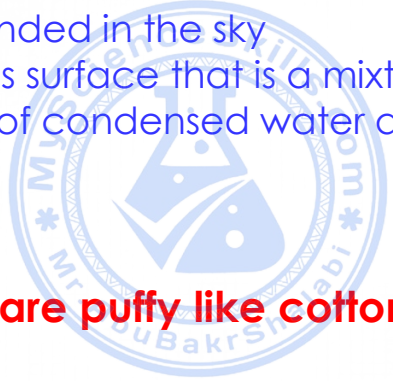
- a) Sunlight warms the surface, causing water to evaporate.
- b) Many water droplets collect to form clouds.
- c) Evaporated water rises into the atmosphere.
- d) Water vapor in the air cools and condenses, forming water droplets.

### 18. What role does the Sun play in cloud formation?

- a) When the Sun sets, it allows temperatures on Earth to cool, leading to cloud formation.
- b) Heat from the Sun provides energy for water to evaporate from the Earth's surface.
- c) The Sun revolves around the Earth causing clouds to form.
- d) The Sun does not have a role in the formation of clouds.

### 19. Which of the following statements best defines clouds?

- a) steam from the ground that has risen into the sky
- b) dust particles suspended in the sky
- c) pollution from Earth's surface that is a mixture of smoke and fog
- d) floating collections of condensed water droplets or ice crystals



### 20. .... clouds are puffy like cotton and have flat bases.

- a) Cumulus
- b) Cirrus
- c) Stratus
- d) Convection



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Answers

1.d

2.c

3.d

4.b

5.c

6.c

7.a

8.d

9.a

10.b

11.b

12.c

13.b

14.b

15.b

16.d

17.b

18.d

19.c

20.d

