

Word	Definition	Prefix/Suffix	Picture
cloud			
cumulus cloud			
dew point			
cirrus cloud			
stratus cloud			
fog			

Have you ever noticed that the clouds can take on different shapes, heights and colors? There's a reason why that happens! In this station you will learn about the different types of clouds. Watch the video below to learn about the 4 main types of clouds, then answer the questions that follow.

Video Link: <https://www.youtube.com/watch?v=gdmBQ-3zq1E>

Refer to the word bank below and type the Correct name of the cloud in the correct space.

<b>Cirrus</b>	<b>Stratus</b>	<b>Nimbus</b>	<b>Cumulus</b>
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1.  are made of ice and appear feathery or wispy.
2.  appear as heaps or piles. They form in fair weather but can produce thunderstorms.
3.  clouds are flat, blanket-like, clouds that form low in the sky. They are white or grey.
4.  clouds are dark and seen during a thunderstorm.



**Nimbus**

**Cirrus**

**Cumulus**

**Stratus**

Now that we know about the 4 main types of clouds, let's look at how they are formed. Watch the video below then answer the follow up questions.

Video Link: <https://www.youtube.com/watch?v=3pV4hcZgkIE>

What are the two main characteristics used in cloud classification?

Describe the four shape categories of clouds.

How does the height at which a cloud forms influence its composition?

How can a cloud provide information about winds or forecast the weather?

Describe how clouds and climate change are related.

**BONUS:** Feeling lucky? Test your knowledge on clouds with this activity. Prove you beat all 3 levels and I will replace 2 of your lowest grades with 100s: <https://scied.ucar.edu/interactive/cloud-sorting-game>.