

Apr. 19-23 Station 4: Explain Types of Cloud

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=gdm8Q-3zq1E>

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

Cirrus	Stratus	Nimbus	Cumulus
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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

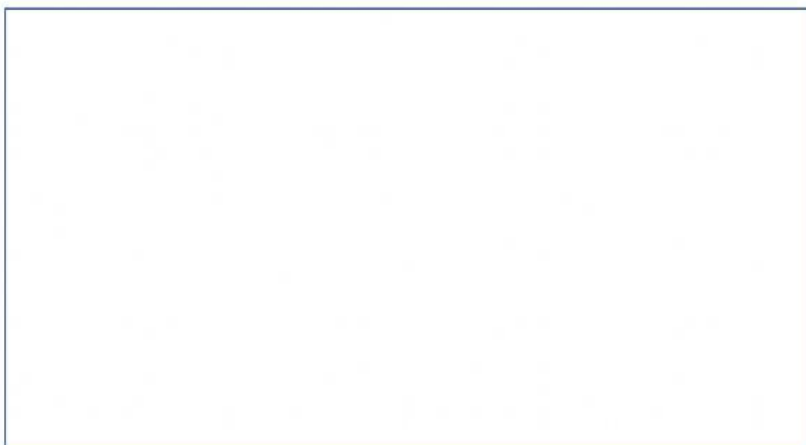
Cirrus

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>