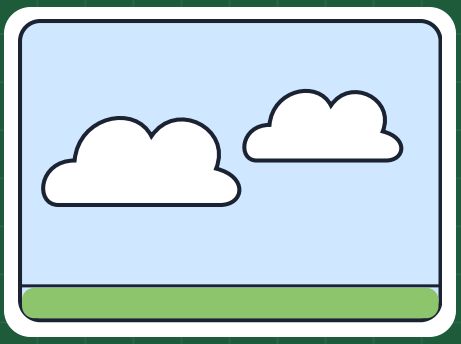
UpOnly Learning

GRADES 3–6 FREE ENGLISH

EARTH & SPACE SCIENCE

Cloud Identification Chart

Color + black-and-white + separate answer key



What's inside

- 1 student page in color, plus the same page in black and white
- A separate answer key, in color and in black and white
- A teacher page with full source citations
- Original illustrations; every label and answer checked against NOAA
- Find more free Earth & Space Science on the last page.

How to use it

- Take it outside: look up, match the clouds and sort them by height
- Science centers, homework, morning work or sub plans
- Students check their work with the separate answer key, or keep the key for grading

About this activity

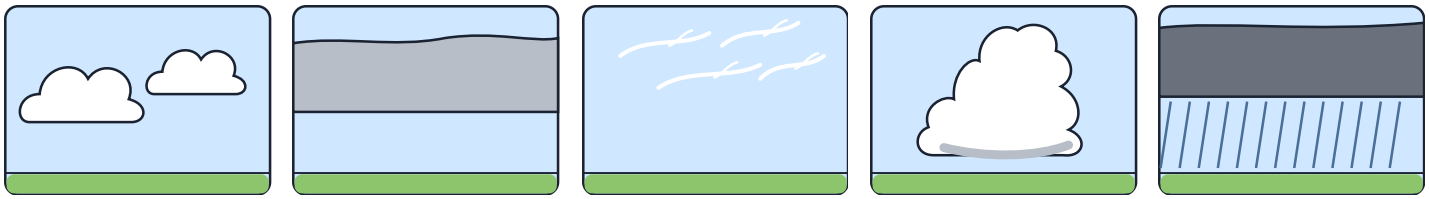
Recommended for Grades 3–6. Part A draws only the five clouds that NOAA describes in our fact records. Part B sorts all ten basic clouds by NOAA's levels.

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Cloud Identification Chart COLOR

Name: _____ **Date:** _____

A. Write the name of each cloud. Use the word bank.



(A) _____ (B) _____ (C) _____ (D) _____ (E) _____

WORD BANK Cirrus Cumulonimbus Cumulus Nimbostratus Stratus

B. Circle whether each cloud is a high, middle or low cloud.

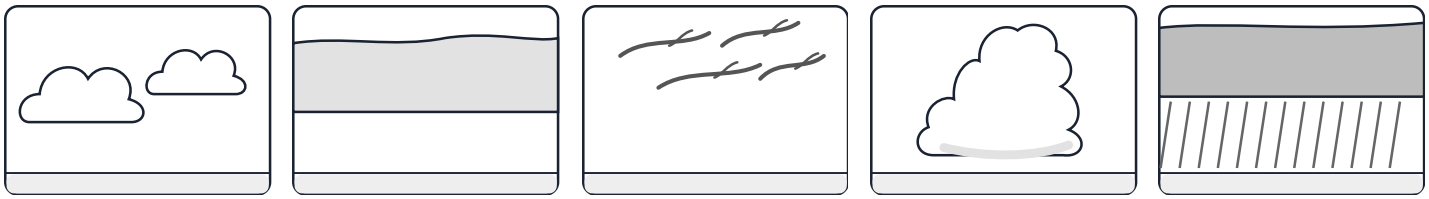
Cumulus	High	Middle	Low
Cirrostratus	High	Middle	Low
Altostratus	High	Middle	Low
Stratus	High	Middle	Low
Cirrus	High	Middle	Low
Nimbostratus	High	Middle	Low
Stratocumulus	High	Middle	Low
Altocumulus	High	Middle	Low
Cumulonimbus	High	Middle	Low
Cirrocumulus	High	Middle	Low

Cloud Identification Chart

BLACK AND WHITE

Name: _____ **Date:** _____

A. Write the name of each cloud. Use the word bank.



A _____ B _____ C _____ D _____ E _____

WORD BANK **Cirrus** **Cumulonimbus** **Cumulus** **Nimbostratus** **Stratus**

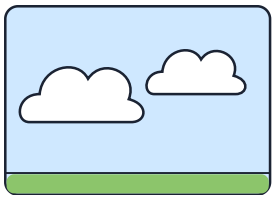
B. Circle whether each cloud is a high, middle or low cloud.

Cumulus	High	Middle	Low
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Stratus	High	Middle	Low
Cirrus	High	Middle	Low
Nimbostratus	High	Middle	Low
Stratocumulus	High	Middle	Low
Altocumulus	High	Middle	Low
Cumulonimbus	High	Middle	Low
Cirrocumulus	High	Middle	Low

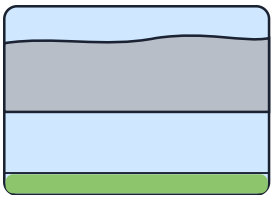
Answer Key · Cloud Identification Chart

COLOR

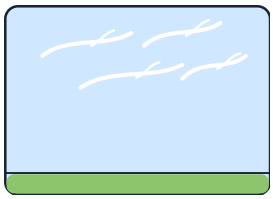
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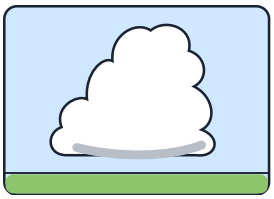
A **Cumulus**



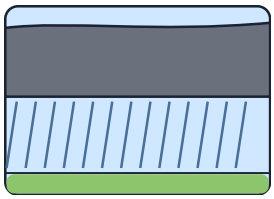
B **Stratus**



C **Cirrus**



D **Cumulonimbus**



E **Nimbostratus**

Cumulus	High	Middle	**Low**
Cirrostratus	**High**	Middle	Low
Altostratus	High	**Middle**	Low
Stratus	High	Middle	**Low**
Cirrus	**High**	Middle	Low
Nimbostratus	High	**Middle**	Low
Stratocumulus	High	Middle	**Low**
Altocumulus	High	**Middle**	Low
Cumulonimbus	High	Middle	**Low**
Cirrocumulus	**High**	Middle	Low

A	**Cumulus**	Cumulus clouds are thick, separate clouds with sharp edges that grow upward.
B	**Stratus**	Stratus is a flat gray sheet of cloud with an even bottom.
C	**Cirrus**	Cirrus clouds are thin, white wisps, often in patches or streaks.
D	**Cumulonimbus**	Cumulonimbus is the thunderstorm cloud: a thick, towering cloud shaped like a mountain.
E	**Nimbostratus**	Nimbostratus is a dark gray cloud layer blurred by falling rain or snow.

High	Cirrus, cirrocumulus and cirrostratus are high clouds.
Middle	Altocumulus, altostratus and nimbostratus are middle-level clouds, made mostly of water droplets.
Low	Cumulus, stratocumulus, stratus and cumulonimbus are low clouds made of water droplets.

Sources. Facts: NOAA. Full citations are on the teacher page.

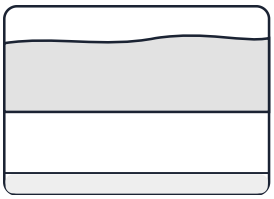
Answer Key · Cloud Identification Chart

BLACK AND WHITE

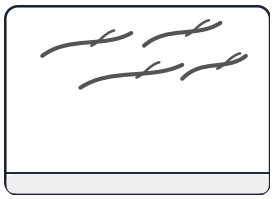
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A **Cumulus**



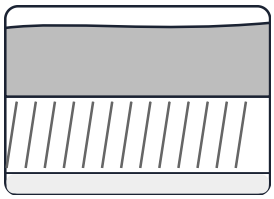
B **Stratus**



C **Cirrus**



D **Cumulonimbus**



E **Nimbostratus**

Cumulus	High	Middle	**Low**
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Altostratus	High	**Middle**	Low
Stratus	High	Middle	**Low**
Cirrus	**High**	Middle	Low
Nimbostratus	High	**Middle**	Low
Stratocumulus	High	Middle	**Low**
Altocumulus	High	**Middle**	Low
Cumulonimbus	High	Middle	**Low**
Cirrocumulus	**High**	Middle	Low

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Sources. Facts: NOAA. Full citations are on the teacher page.

Teacher page: sources and notes

Fact sources

NOAA JetStream (National Weather Service). “Ten Basic Clouds.” page updated 2023-03-28; checked 2026-10-26. https://www.noaa.gov/jetstream/clouds/ten-basic-clouds

Used for: Cumulus; Stratus; Cirrus; Cumulonimbus; Nimbostratus; Cirrostratus, Cirrus, Cirrocumulus; Altostratus, Nimbostratus, Altocumulus; Cumulus, Stratus, Stratocumulus, Cumulonimbus · t13-cumulus, t13-stratus, t13-cirrus, t13-cumulonimbus, t13-nimbostratus, t13-high-clouds, t13-mid-clouds, t13-low-clouds

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