

Name \_\_\_\_\_



## Cloud Classification by Altitude

Clouds are grouped into families based on their altitude in the sky: **high-level**, **middle-level**, and **low-level**. Each group has different types with unique appearances and roles in weather.

This activity will help you classify clouds into the correct altitude category. Fill in the chart below by writing the correct cloud types under each altitude category. Use what you know about their appearance and formation.

Altitude Level	Cloud Types (Fill in the blanks)	Description Clues
<b>High (above 20,000 ft)</b>		Thin, wispy, ice-crystal clouds
		Sheet-like, cover large areas, often halo effect around sun/moon
		Puffy, look like cotton tufts, but very high up
<b>Middle (6,500-20,000 ft)</b>		Gray or blue sheets, block some sunlight
		Puffy, rounded masses, larger than high-level types
<b>Low (surface-6,500 ft)</b>		Gray layers, often bring drizzle or light rain
		Puffy, fair-weather clouds, like floating cotton balls
		Tall, dense, storm-producing clouds, with anvil tops
<b>Special Vertical Clouds</b>		Can span all levels, thunderstorm clouds