**Clouds Foldable Instructions**

**Create your foldable.**

1. Cut the top page (with cloud names) as instructed on the dark/bold black lines **ONLY**.

2. Once you have cut the top page, you should have 3 horizontal pieces. The top piece has three short flaps and one long one. The middle piece has two flaps and the bottom piece has four short flaps.

3. Discard the strip from the right side of the top page that is labeled “discard this piece”.

4. Glue the top of each horizontal strip, section by section, to your bottom page (with altitude numbers) being careful to put glue only in the “glue here” strips.

**Complete the outside of your foldable.**

* On the back of your foldable, write your name and class period.
* Along the far right edge vertically write “Altitude”. (2 pts) The distances are already labeled for you.
* Label altitude types: 0 - 2000m “low”, 2000m -6000m “middle” and 6000m – top “high”. (3 pts) Further differentiate the altitude zones by coloring only the altitude section that is on the far right of the foldable: low = green, middle = yellow, high = orange. (5 pts)
* Using your clouds reading and textbooks, create an accurate, colorful drawing of each cloud type on the top of each corresponding flap. (30 pts)
  + If there is precipitation associated with the cloud type, be sure to include it in your picture.
  + If the clouds do not completely cover the sky, be sure to color the rest of the sky blue.

**Complete the inside of your foldable.**

For each cloud type, you must include the following inside each cloud flap:

* Their position in the atmosphere. Low, Middle or High (10 pts)
* Detailed description of the clouds appearance or what it looks like including shape, color and coverage/thickness (30 pts)
* Type of weather associated with the cloud type. This must include both the weather with that cloud and the weather that may occur after you see that type of cloud. (20 pts)

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