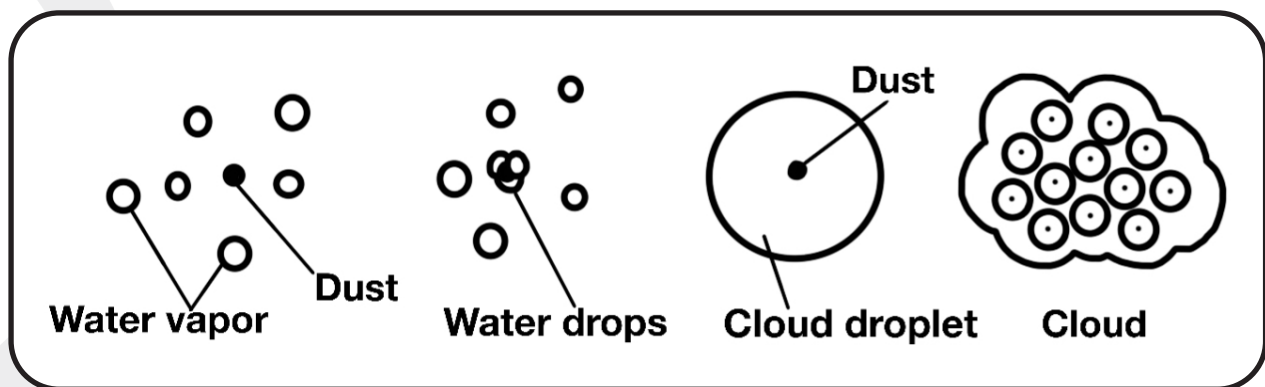


How Clouds are Formed (Part 1): An Introduction This activity was created by Zoe.

There are two main processes in which clouds are formed. They are called **condensation**, and **deposition**. Some definitions:

- **Condensation:** when a gas changes to a liquid
- **Deposition:** when a gas changes to a solid

Clouds are formed when water vapour, an invisible gas, turns into liquid water droplets (condensation), or ice crystals (deposition). These droplets or crystals attach themselves to tiny particles floating around in the air. These particles are very important because they provide a surface for the droplets to form on and are usually dust, bacteria, ash, or even salt crystals from sea spray. When a large amount of these droplets or ice crystals form together, it makes a cloud. Here is a diagram showing this:

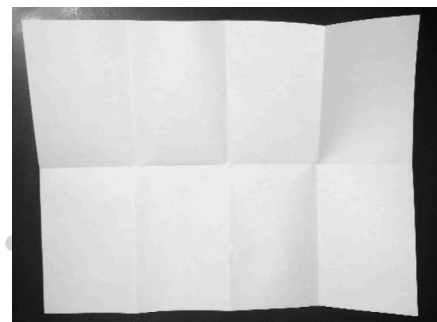
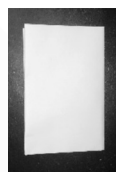


In this activity, your challenge is to write a creative/funny/twisted story about how clouds are formed, while still including the actual process written out above. Follow the instructions below on how to fold a mini eight-page storybook. You'll only need a piece of paper and a pair of scissors. After you are done folding, write and draw in your creative story!

Instructions

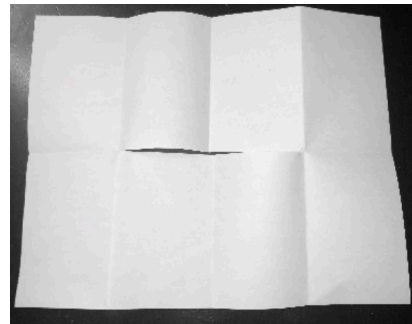
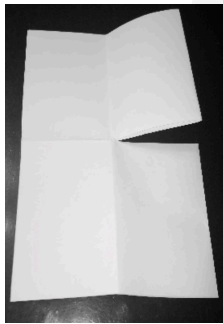
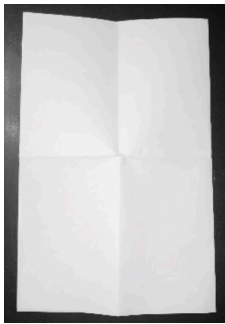
1

Fold your sheet of paper in half lengthwise (hotdog style). Then fold that in half widthwise (hamburger style). Then fold that in half again, so that your paper is folded into eighths.

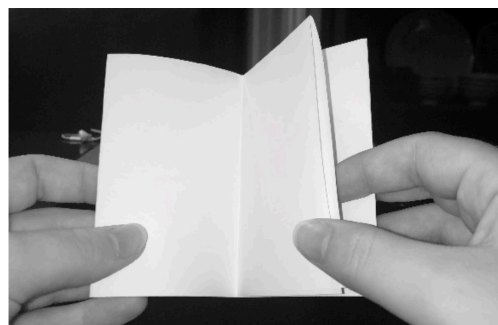
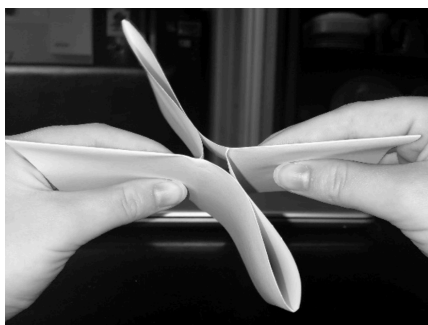
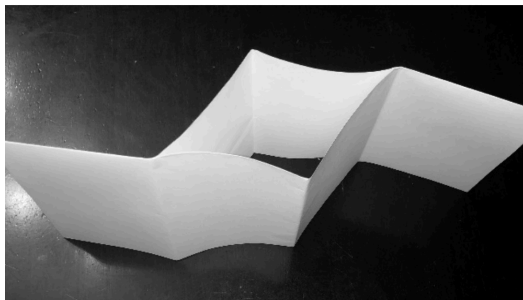


How Clouds are Formed (Part 2): Creating the Storybook

- 2 Fold your paper in half widthwise (hamburger style). Cut halfway across the middle from the folded side. When you open the paper, it should have a slit in the middle.



- 3 Fold your paper lengthwise along the crease that has the slit. Hold the paper at either end, then push the ends in toward each other. The sections should fold into each other to form an eight-page booklet.



- 4 Now you're ready to write in your mini storybook!