

Precipitation



Essential Questions

What are the different states of precipitation?

How does temperature affect the form of precipitation?

As you already know...

- Precipitation is one of the steps in the water cycle.
- Do you remember which step it is?

Forms of Precipitation

- _____
- _____
- _____
- _____



Rain

- _____ droplets are very tiny. The volume of a _____ is about one million times as large as the volume of a cloud droplet. So cloud droplets must grow before they can become _____.

Snow

- Snow falls from _____ clouds where water vapor becomes crystals of ice. Snow results if the ice crystals stay frozen as they fall.
- This type of snow depends on the _____ at which the ice particles form. The coldest clouds produce light, powdery snow with six sided snow flakes. Slightly warmer clouds produce heavier, wetter snow.

Sleet

- Small, round or lumpy particles of ice are sleet. Sleet forms when _____ through a layer of atmosphere that is _____ freezing and then through a _____ layer closer to the ground. Sleet starts as rain and freezes into sleet as it falls through the freezing air near the ground.