When It Rains, It Pours

What You'll Need:
Pot, stove, water, glass jar with lid, towel, ice

Ask an adult to bring a pot of water to a boil; let it cool slightly. Pour the water into a jar, and place the jar on a towel. Then put ice on the jar's lid. Watch a rainstorm begin in the jar as hot water condenses on the lid and rains down into the water.

Watching your 'rainstorm' makes it easy to imagine what happens when a cold front (a mass of cold air) comes into contact with warm air: Moisture from the warm air is pushed up, clouds are formed, and soon it is raining.