

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Understanding Weather

There is always water vapor in the sky. Water vapor is water we cannot see. When the air is warm, it holds even more vapor. When the water vapor collect together, they make clouds. If the clouds are big and have lots of water vapor, they bang together and make drops. If the drops get heavy enough, they fall. That is rain!

A thunderstorm has loud thunder and bright flashes of lightning. To make a thunderstorm, you need lots of water vapor to make clouds and then rain. You also need warm air. Finally, you need wind. Way up in the sky, frozen drops of water bump into each other. All these bumpings make electricity. The electrical charges in the sky attract charges on the ground. Eventually, the electrical charges on the ground connect with an electrical charge from the sky. Zap! You have lightning.

Where does thunder come from? When lightning strikes, it is opening up a channel, or a tunnel in the sky. When the light disappears, the tunnel collapses, creating a sound wave. We hear that sound wave as lightning. Lightning is dangerous. If you hear thunder, then you know lightning is coming, too. It is important to stay safe and stay inside during a thunderstorm.

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Words Correct					
Words Incorrect					