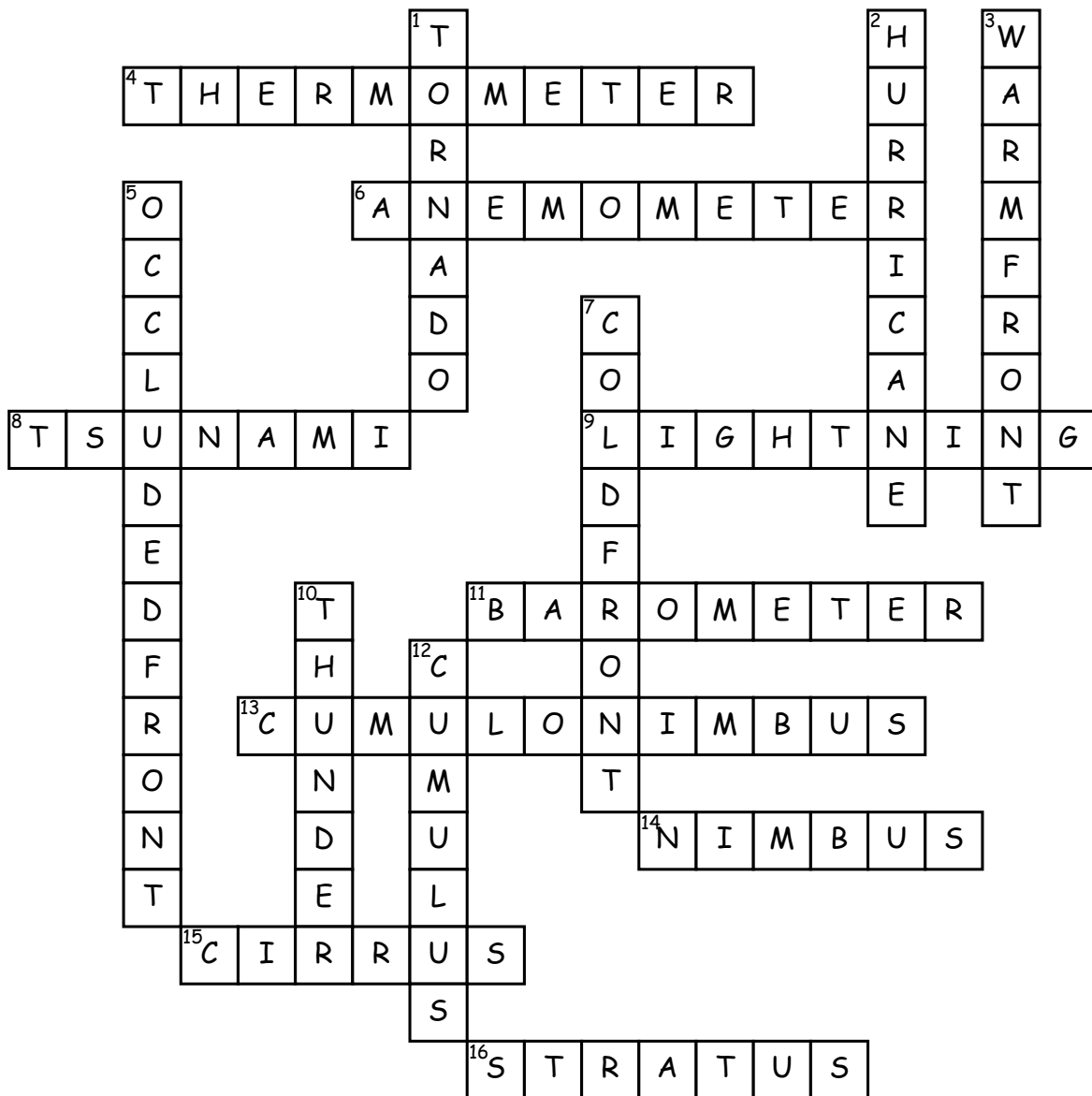


# Science Weather Unit



## Across

4. An instrument indicating temperature

6. Instrument used for measuring the speed of wind

8. Large ocean wave caused by an underwater earthquake or a volcanic explosion

9. When a thundercloud has many small bits of ice bump into each other and they move around it creates this

11. Instrument that measures the atmospheric pressure, weather and altitude.

13. This cloud is a thunderstorm cloud and can produce rain, snow, hail and lightning

14. The continuous rain cloud

15. This cloud may have a fibrous (hair-like) and/or silky sheen appearance.

16. Generally a gray cloud layer with a base, if thick enough, produce drizzle or ice prisms

## Down

1. Can form anywhere in the world, but they mostly end up forming in flat or dry terrains

2. Only forms over really warm ocean water of 80°F or warmer

3. Two air masses where one is cool and the other warm, are moving so that the warmer air replaces the cooler air

5. The combination of a cold front and warm front when they catch up and cold overtakes a warm front

7. Two air masses, one cold and one warm, moving so the colder air replaces the warmer air

10. When electricity passes through the air and causes particles to vibrate. The vibrations are heard as sound.

12. These clouds develop vertically in the shape of mountain and resembles pieces of cotton. They are often referred to as "fair-weather clouds".