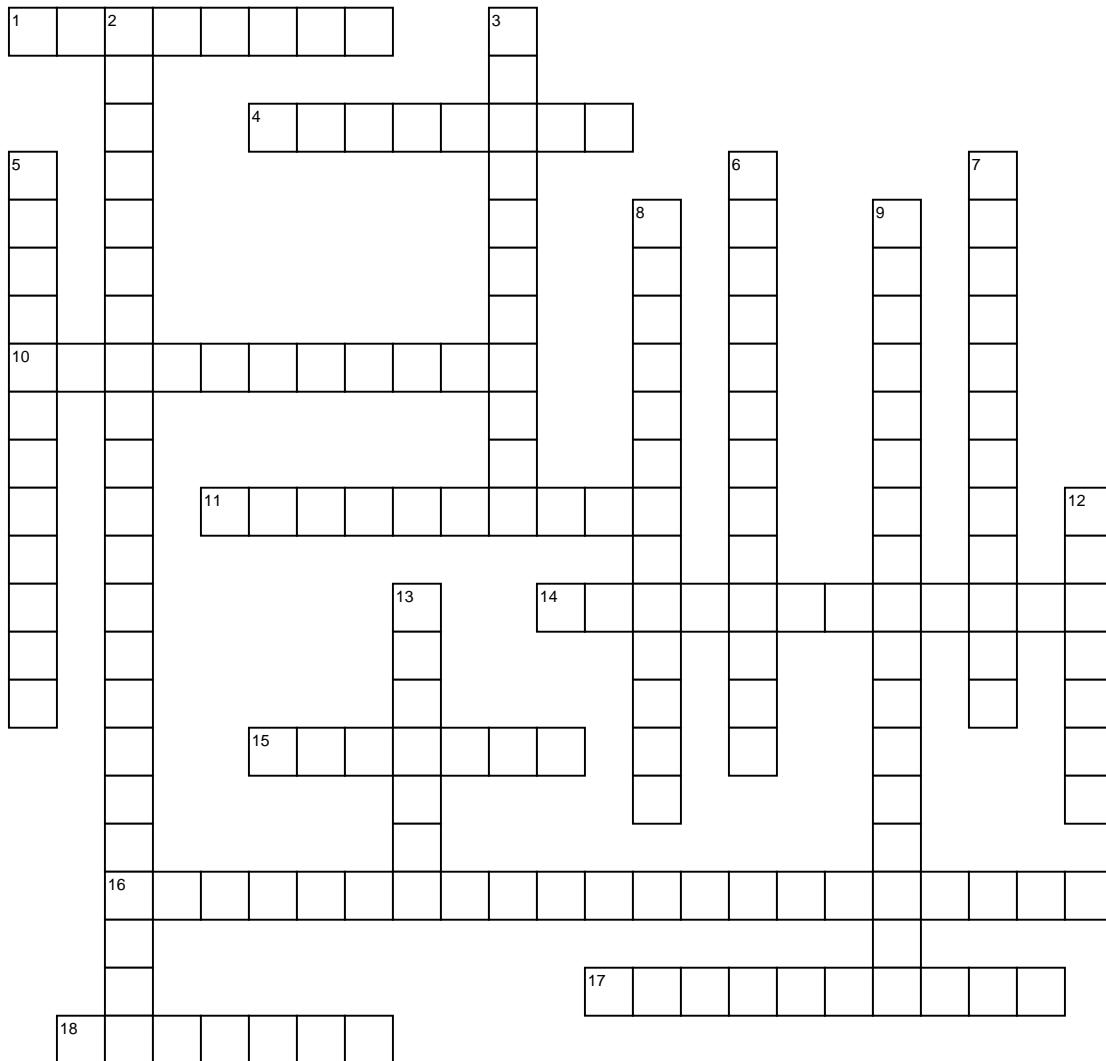


# Roland-Story Natural Resources Class

## Chapter 3 Meteorology Unit



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### ACROSS

- 1 are degrees designed to reflect the demand for energy needed to heat an object over a period of days
- 4 is a curve connecting points where the function has a same particular value
- 10 is a device that measures temperature or temperature gradient using a variety of different principles
- 11 a scale where the freezing point of water is 32 degrees Fahrenheit (°F) and the boiling point 212 °F,
- 14 is the lowest possible temperature where nothing could be colder, and no heat energy remains in a substance
- 15 thermometer that measures the highest temperature in a hour period
- 16 an average of the 12 monthly means
- 17 is a type of resistor with resistance varying according to its temperature
- 18 a scale where the freezing point of water is 0 degrees Fahrenheit (°F) and the boiling point 100°F

### DOWN

- 2 the differences between the warmest and coldest monthly means
- 3 is a chart recorder that measures and records temperature
- 5 is used to convert a temperature change into mechanical displacement
- 6 thermometer with a liquid filled bulb
- 7 is the measure of the heat energy required to increase the temperature of a unit quantity of a substance by a certain temperature interval
- 8 a temperature scale used for scientific purposes
- 9 are used by horticulturists and gardeners to predict the date that a flower will bloom or a crop reach maturity
- 12 are degrees designed to reflect the demand for energy needed to cool an object over a period of days
- 13 thermometer that measures the lowest temperature in a 24 hour period