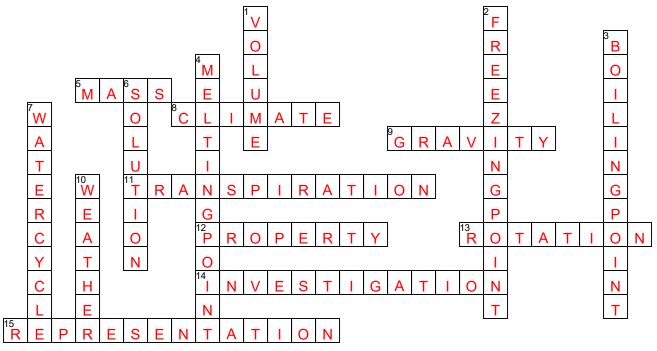
1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

- 5. The amount of matter in an object.
- 8. The average weather conditions of a particular place over a long period of time.
- 9. The force that pulls all objects in the universe towards each other.
- 11. Process in which plants give off water through their stomata.
- 12. A characteristic that can be observed or measured.
- 13. Spinning on an axis; the Earth does one of these every 24 hours.
- 14. The process of discovering an answer to a problem or question using the scientific method.
- 15. A sign or symbol that stands for something else.

DOWN

- 1. The amount of space matter takes up.
- 2. Temperature at which a substance changes from liquid to solid.
- 3. Temperature at which a substance changes from liquid to gas.
- 4. Temperature at which a substance changes from solid to liquid.
- 6. A mixture of two or more substances dissolved to form one substance and is often difficult to separate.
- The Sun's energy makes water evaporate into the air; water returns to the ground as rain or snow; the process repeats over and over again.
- 10. The day-to-day conditions in a particular place that include precipitation, temperature, air pressure, and wind.

gravity representation freezing point volume melting point transpiration property weather solution boiling point water cycle climate investigation mass rotation