

## Vocabulary 5

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1. **Reactant**: substance that exists before a chemical reaction begins.
2. **Catalyst**: substance that speeds up a chemical reaction but is not used up itself or permanently changed.
3. **Acid**: substance that releases H<sup>+</sup> ions and produces hydronium ions when dissolved in water. **corrosive substance**: a sour-tasting compound that releases hydrogen ions to form a solution with a pH of less than 7, reacts with a base to form a salt, and turns blue litmus red.
4. **Base**: compound that releases hydroxyl ions to form a solution with a pH greater than 7, reacts with acids to form salts, and turns red litmus paper blue, substance that accepts H<sup>+</sup> ions and produces hydroxide ions when dissolved in water.
5. **Concentration**: describes how much solute is present in a solution compared to the amount of solvent.
6. **Rate of reaction**: measure of how fast a chemical reaction occurs.
7. **Product**: substance that forms as a result of a chemical reaction.
8. **Solubility**: a measure of how much solute can dissolve in a given solvents at a given temperature, **capacity to dissolve**: the extent to which one substance is able to dissolve in another
9. **Saturated Solution**: a mixture that contains as much dissolved solute as is possible in a given temperature, **packed full**: completely packed or full so that no more can be added
10. **Dilute**: to make something thinner or weaker by adding water or another liquid, a mixture that has only a little solute dissolved in it.

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### Due Dates for Vocabulary 5

**Tuesday, January 20** - Roundhouse Diagram

**Thursday, January 22** - For each word find sentence in your textbook with each vocabulary word. Write the sentence, the book, & the page number. Underline the vocabulary word. If it is not in the textbook, use the internet to find a sentence with the word. Please write down the URL.

**Monday, January 26** - Vocabulary Crossword

*Quiz on Wednesday over Vocabulary words.*