**What is Matter? Textbook Search**

**Task:** Using your textbook define the following terms and answer the following questions. Remember to write definitions in your own words so that **you** can understand them! Include an example so you are able to understand the term. (pages 31-47)

|  |  |  |
| --- | --- | --- |
| Term | Definition | Example |
| Matter |  |  |
| Element |  |  |
| Atom |  |  |
| Compound |  |  |
| Isotope |  |  |
| Ionic Bond |  |  |
| Covalent Bond |  |  |
| Chemical Reaction |  |  |
| Solute |  |  |
| Solution |  |  |
| Acid |  |  |
| Base |  |  |
| pH scale |  |  |

1. Explain the relationship among atoms, elements and compounds?

2. Compare Acids and Bases

3. Explain the Relationships among solutions, mixtures, solutes and solvents.

4. Why might it be important to know the above terms in the study of Biology?