

Science Assignment - Basic Chemistry

1. Balance the chemical equation: $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
2. Define and explain the difference between atoms and molecules.
3. What is the atomic number of Carbon? Describe its electron configuration.
4. List three examples of physical changes in matter.
5. Explain the process of photosynthesis in simple terms.