Students need to know the definitions of the following words:

- Law of Conservation of Mass
- Solvent
- Solute
- Solution
- Rock Cycle
- Water Cycle
- Physical Change
- Chemical Change
- States of Matter
- Mass
- Chemical Reaction
- Subscript
- SI Units
- Stoichiometry
- Margin of error

Students need to know the definitions of the following words and the makeups of the following elements and substances:

- Carbon
- Hydrogen
- Sodium
- Oxygen
- Sodium Bicarbonate
- Water
- Carbon Dioxide
- Acetic Acid
- Sodium Acetate
- Sugar