Chemistry is all around us "from the air we breathe to the food we eat" to the items at the super market that say "no chemicals added". In fact, it is impossible to create something without using chemistry because chemistry consists of all matter. It allows us to answer questions as simple as why a candle goes out when a glass is placed over it to more complex questions such as does a candle actually burn in zero gravity? Chemistry is the study of matter and the changes it undergoes such as ice changing from the solid to liquid to gas phase. People have used it for things such as creating metal from an ore, dying fabric, and making cheese. Chemistry deals with different substances and how they can interact with each other to create a product.
Unit 3: Additional Aspects of Acid-Base Equilibria

- Unit 4: Chemical Kinetics

- Unit 5: Fundamentals of Thermochemistry

- Unit 6: Electrochemistry
Unit 7: Principles of Thermodynamics

Unit 8: Gases