Name: Langteau		Grading Quarter: 1	Week Beginning: September 22-27
School Year: 2024-2025		Subject: Algebra	
Monday	Notes:	Objective: Students will be able to describe the structure and function of lipids, proteins, amino acids, and their importance in living organisms. Lesson Overview: Handout with Hands on Methods for students to anchor this concept. Identify and describe the basic structure of carbohydrates, lipids proteins, and amino acids.	Academic Standards: HS-LS-6 HS-LS1-7
Tuesday	Notes:	Objective: enzyme activity. Lesson Overview: - define Enzymes and explain their role as a biological catalyst. - Demonstrate how enzymes lover activation - -Identify factors that affect enzyme activity.	Academic Standards: HS-Ls-6 HS-LS1-7
Wednesday	Notes:	Objective: Cellular Respiration and ATP Production Lesson Overview: -Describe the processes of cellular respiration and is role in energy production (ATP) from carbohydrates and lipids. -Explain the role of Enzymes in facilitating each step of cellular respiration.	Academic Standards: HS-LS-6 HS-LS1-7
Thursday	Notes:	Objective: Students will be able to describe the process of photosynthesis, explain how it relates to cellular respiration and understand how energy flows throu ecosystems. Lesson Overview: -Explain the process of photosynthesis and how it converts light energy into chemical energy. -Identify the products and reactants of both photosynthesis and cellular respiration and explain how these processes are interconnected. - Describe how energy flows through ecosystems, from sunlight to plants (Producers) and then to converters.	Academic Standards: HS-LS-6 HS-LS1-7

Friday	Notes:	Objective: Students will review the structure and function of macromolecules, the role of enzymes, and how these are connected through processes like cellular respiration and photosynthesis. Lesson Overview: - Summarize the main functions of carbohydrates, lipids, proteins, and exnzymes in biological processes. -Connect the role of enzymes in processes like cellular respiration and photosynthesis. -Apply their knowledge of macromolecules and biological processes to explain how energy flows through living systems	Academic Standards: Hs-LS-6 HS-LS1-7