

Subject	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	1.) Use models to compare and contrast how the structural characteristics of carbohydrates, nucleic acids, proteins, and lipids define their function in organisms.3.) Formulate an evidence-based explanation regarding how the composition of deoxyribonucleic acid (DNA) determines the structural organization of proteins.	1.) Use models to compare and contrast how the structural characteristics of carbohydrates, nucleic acids, proteins, and lipids define their function in organisms.3.) Formulate an evidence-based explanation regarding how the composition of deoxyribonucleic acid (DNA) determines the structural organization of proteins.	1.) Use models to compare and contrast how the structural characteristics of carbohydrates, nucleic acids, proteins, and lipids define their function in organisms.3.) Formulate an evidence-based explanation regarding how the composition of deoxyribonucleic acid (DNA) determines the structural organization of proteins.	1.) Use models to compare and contrast how the structural characteristics of carbohydrates, nucleic acids, proteins, and lipids define their function in organisms.3.) Formulate an evidence-based explanation regarding how the composition of deoxyribonucleic acid (DNA) determines the structural organization of proteins.	1.) Use models to compare and contrast how the structural characteristics of carbohydrates, nucleic acids, proteins, and lipids define their function in organisms.3.) Formulate an evidence-based explanation regarding how the composition of deoxyribonucleic acid (DNA) determines the structural organization of proteins.
Before	Lab write ups due	Review procedures for lab	Review procedures for lab	Review procedures for lab	
During	Free energy video and questions	Lab Investigation 13 Temperature and calculating Q10	Lab Investigation 13 pH and Concentration	Lab Investigation 13 Salinity	Day to finish labs
After	Positive and negative feedback loops video/ questions	Finish lab	Finish lab	Finish lab	Debrief of labs
Desired Outcome	For students to gain a better understanding of free energy in life and positive and negative feedback loops	To investigate the effect of temperature on enzyme activity in a system	To investigate the effect of pH and enzyme concentration on enzyme activity	To investigate the effect of salinity on enzyme activity	
Formative/ Summative	questions	Class discussion	Class discussion	Class discussion	debrief