

IB Biology		Per 1(3)			9/9-9/13		
Unit/Theme		Objectives	Activities	Homework	Closure/Review	Assessment	
M	2.4 Proteins (2x83min)	<ul style="list-style-type: none"> The nucleic acids DNA and RNA are polymers of nucleotides. DNA differs from RNA in the number of strands present, the base composition and the type of pentose. DNA is a double helix made of two antiparallel strands of nucleotides linked by hydrogen bonding between complementary base pairs. Application: Crick and Watson's elucidation of the structure of DNA using model making. Application: Denaturation of proteins by heat or by deviation of pH from the optimum 	<ul style="list-style-type: none"> Turn in Activity 89,90, 91 and 93 (Botox) Turn in BMI Lab Notes/Lecture: <ul style="list-style-type: none"> * 2.6 DNA and RNA Lab: Denaturing a Protein <ul style="list-style-type: none"> *Design lab to measure minimal temp or pH change for denaturing egg white albumin *Determine a procedure *collect data *analyze 	<ul style="list-style-type: none"> DBQ 107 Do Molecular Visualization HO 	<ul style="list-style-type: none"> Revising procedures 	<ul style="list-style-type: none"> Denaturing Protein lab 	
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W	2.4 Proteins 2.6 DNA and RNA (83min)	<ul style="list-style-type: none"> Application: Denaturation of proteins by heat or by deviation of pH from the optimum 	<ul style="list-style-type: none"> Turn in Molecular Visualization HO Turn in DBQ 107 Lab: Denaturing a Protein <ul style="list-style-type: none"> *Finish Collecting Data *revise final procedure *Analyze data 	<ul style="list-style-type: none"> Denaturing Protein Lab Due <ul style="list-style-type: none"> *procedure *analysis Review material for Organic Compounds Test Print Practical 3 Enzyme Lab Print Enzyme Pre-Lab Questions 	<ul style="list-style-type: none"> Revising procedures 	<ul style="list-style-type: none"> Denaturing Protein lab 	
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F	2.3,2.4,2.6 Unit Test (2x83 min)	<ul style="list-style-type: none"> Demonstrate knowledge of IB Understandings for Carbs, Lipids, Proteins, and Nucleic Acids 	<ul style="list-style-type: none"> Turn in Denaturing an Enzyme Lab Test: Organic Compounds Read Practical 3 and Answer Enzyme Pre-Lab Questions 	<ul style="list-style-type: none"> Read 2.5 Print Practical 3 Enzyme Lab Finish Enzyme Pre-Lab Questions 	<ul style="list-style-type: none"> Revising procedures 	<ul style="list-style-type: none"> Organic Compounds Test 	
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