

9th Grade Biology Preview

Times:	Class:
Session 1	Intro to HS & Biology: <ul style="list-style-type: none">i. Layout of the Curriculumii. Labs and CERsiii. Assessments
Session 2	Ecology Pt. 1 <ul style="list-style-type: none">i. Feedback Loopsii. Ecosystemsiii. Carbon/water Cycle
Session 3	Ecology Pt. 2 <ul style="list-style-type: none">i. Human Impact on Biodiversityii. Climate Change Controversy
Session 4	Cell Biology Pt. 1 <ul style="list-style-type: none">i. Prokaryotes vs. Eukaryotesii. Organellesiii. Cell Transport
Session 5	Cell Biology Pt. 2 <ul style="list-style-type: none">i. Photosynthesis & Cellular Respiration/Fermentationii. Regulation of the Cell Cycleiii. Misregulation of the Cell Cycle and Cancer
Session 6	Evolution Pt. 1 <ul style="list-style-type: none">i. VIST (Variation, Inheritance, Selection, Time)ii. Evolutionary Termsiii. Microevolution (Trait Distributions within Populations)iv. Macroevolution (Speciation)
Session 7	Evolution Pt. 2 <ul style="list-style-type: none">i. Human Impact on Evolutionii. Generalists/ Specialistsiii. Case Studies: Lactase Persistence & Skin Color
Session 8	Panel Discussion - High school biology & beyond <ul style="list-style-type: none">i. Teacher's Class Formatii. Panelist TBDiii. Your Questions (Q&A)