

**NovaNET Course Outline
Biology**

Lesson/Activity	Grade	Date Completed
Chemistry of Life		
• The Chemistry of Life		
• Essential Compounds		
• Biosynthesis in Proteins		
• Chemistry of Life Worksheet		
Cell Energy		
• Energy!		
• Photosynthesis I		
• Photosynthesis II		
• Respiration		
• Photosynthesis & Respiration		
• ATP in a Molecule		
• Photosynthesis		
• Getting Energy to Make ATP		
The Structure & Function of Cells		
• The Light Microscope		
• Cell Theory		
• Cell Structure		
• Cell Structure & Function		
• Worksheets 7.1 and 7.3		
• The Plasma Membrane & Homeostasis		
• Worksheet 7.3		
• Prokaryotic Cells		
• Plant, Animal, and Bacteria Cell Models		
• Diffusion in the Cell		
• Reproduction of Single Cells		
• Reproduction by Male & Female Cells		
• The Cell Cycle: Interphase		
• The Cell Cycle: Mitosis		
• The Cell Cycle		
• Worksheets 8.1, 8.2, and 8.3		
• Tissues, Organs, and Organ Systems		