**Unit 1**

 Essential Characteristics of Life - <https://www.youtube.com/watch?v=bILvTe2_FEE>

 The Hierarchy of Life - <http://www.youtube.com/watch?v=7xpONWAj4Go&list=PL7A750281106CD067>

 Taxonomy: Life’s Filing System - <https://www.youtube.com/watch?v=F38BmgPcZ_I>

 Positive & Negative Feedback Loops <https://www.youtube.com/watch?v=CLv3SkF_Eag>

**Unit 2**

 Water & Life- <https://www.youtube.com/watch?v=ZScEgE55XTM>

 Water – Liquid Awesome - <https://www.youtube.com/watch?v=HVT3Y3_gHGg>

 That’s Why Carbon is a Tramp - <https://www.youtube.com/watch?v=QnQe0xW_JY4>

 Biological Molecules-You Are What You Eat - <https://www.youtube.com/watch?v=H8WJ2KENlK0>

 Proteins - <http://www.youtube.com/watch?v=2Jgb_DpaQhM&index=70&list=PL7A750281106CD067>

 Nucleic Acids - <http://www.youtube.com/watch?v=NNASRkIU5Fw&list=PL7A750281106CD067>

 Lipids - <http://www.youtube.com/watch?v=VGHD9e3yRIU&list=PL7A750281106CD067>

 Carbohydrates- <http://www.youtube.com/watch?v=_zm_DyD6FJ0&list=PL7A750281106CD067>

**Unit 3**

 Tour of the Cell - <http://www.youtube.com/watch?v=1Z9pqST72is>

 Cellular Organelles- <http://www.youtube.com/watch?v=aczbMlSMr8U>

 Eukaryopolis-TheCity of Animal Cells - <https://www.youtube.com/watch?v=cj8dDTHGJBY>

 Plant Cells - <https://www.youtube.com/watch?v=9UvlqAVCoqY>

 The Cell Membrane - <http://www.youtube.com/watch?v=S7CJ7xZOjm0>

 In Da Club-Membranes and Transport - <https://www.youtube.com/watch?v=dPKvHrD1eS4>

 Transport across Cell Membranes - <http://www.youtube.com/watch?v=RPAZvs4hvGA>

 Photosynthesis & Cell Respiration - <http://www.youtube.com/watch?v=0IJMRsTcwcg>

 ATP and Respiration - <https://www.youtube.com/watch?v=00jbG_cfGuQ>

 Photosynthesis - <https://www.youtube.com/watch?v=sQK3Yr4Sc_k>

**Unit 4**

 Cell Cycle, Mitosis, & Meiosis - <http://www.youtube.com/watch?v=2aVnN4RePyI>

 Mitosis: Splitting Up is Complicated - <https://www.youtube.com/watch?v=L0k-enzoeOM>

 Meiosis: Where the Sex Starts - <https://www.youtube.com/watch?v=qCLmR9-YY7o>

**Unit 5**

 Genetics - <http://www.youtube.com/watch?v=ya7h-Y-9l8c&list=PL7A750281106CD067>

 Heredity - <https://www.youtube.com/watch?v=CBezq1fFUEA>

 A Beginner’s Guide to Punnett Squares - <http://www.youtube.com/watch?v=Y1PCwxUDTl8&list=PL7A750281106CD067>

 Chromosomal Genetics - <http://www.youtube.com/watch?v=rIe7mPXkYhs&list=PL7A750281106CD067>

**Unit 5 Part II**

 DNA Replication - <http://www.youtube.com/watch?v=FBmO_rmXxIw&list=PL7A750281106CD067>

 DNA Structure and Replication - <https://www.youtube.com/watch?v=8kK2zwjRV0M>

 Transcription & Translation

 <http://www.youtube.com/watch?v=h3b9ArupXZg&list=PL7A750281106CD067>

 DNA, Hot Pockets and the Longest Word Ever - <https://www.youtube.com/watch?v=itsb2SqR-R0>

 Mutations- <http://www.youtube.com/watch?v=eDbK0cxKKsk&list=PL7A750281106CD067>

**Unit 6**

 Evidence for Evolution - <http://www.youtube.com/watch?v=cC8k2Sb1oQ8&list=PL7A750281106CD067>

 Selection - <http://www.youtube.com/watch?v=W6eZ7zIIOas&list=PL7A750281106CD067>

 Natural Selection - <https://www.youtube.com/watch?v=aTftyFboC_M>

 Speciation: Of Ligers and Men - <https://www.youtube.com/watch?v=2oKlKmrbLoU>

**Unit 7**

 Biogeochemical Cycling- <http://www.youtube.com/watch?v=09_sWPxQymA&list=PL7A750281106CD067>

 Ecological Succession - <http://www.youtube.com/watch?v=V49IovRSJDs&list=PL7A750281106CD067>

**Misc**

Organ Systems <https://www.youtube.com/watch?v=dZQMjZRv16E>

The Nervous System - <https://www.youtube.com/watch?v=x4PPZCLnVkA>

Great Glands: Your Endocrine System - <https://www.youtube.com/watch?v=WVrlHH14q3o&list=PLREADPPqpV2fyZndVQ0xtkzLshoqh28sw>

Cellular Specialization <https://www.youtube.com/watch?v=jp6L5emD8rw>

Homeostatic Disruptions <https://www.youtube.com/watch?v=zrme9a_GMD8>

Mechanisms of Timing and Control <https://www.youtube.com/watch?v=dju6tTb55Fw>