



Franklin County School

Biology I – General and Honors

Course Code 2000310 & 2000320

- Students will explore biological concepts that include molecular and cellular biology, classification, heredity and evolution, and ecosystems.
- A passing grade in this course is required to satisfy state graduation requirements. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Semester 1 Instructional Units & Standards Focus		Semester 2 Instructional Units & Standards	
Quarter 1	Quarter 2	Quarter 3	Quarter 4
• The Nature of Science • Organic Molecules • Properties of Water Cell Theory, Structure and Function of all Cell Types	• DNA Replication • Protein Synthesis • Cell Cycle, Mitosis, and Meiosis • Genetics	• Natural Selection/Evolution • Classification • Plants • Photosynthesis/Cellular Respiration	• Food webs • Biogeochemical Cycles • Populations • Renewable/Nonrenewable Resources • Circulation, The Brain, Reproductive System
SC.912.L.14.1	SC.912.L.14.2	SC.912.L.14.7	SC.912.E.7.1
SC.912.L.14.3	SC.912.L.15.15	SC.912.L.15.1	SC.912.L.14.36
SC.912.L.14.4	SC.912.L.16.1	SC.912.L.15.4	SC.912.L.14.52
SC.912.L.18.1	SC.912.L.16.2	SC.912.L.15.5	SC.912.L.17.2
SC.912.L.18.11	SC.912.L.16.3	SC.912.L.15.6	SC.912.L.17.4
SC.912.L.18.12	SC.912.L.16.4	SC.912.L.18.9	SC.912.L.17.20
SC.912.N.1.1			
SC.912.N.1.3	SC.912.L.16.5	SC.912.L.15.8	SC.912.L.16.13
SC.912.N.1.4	SC.912.L.16.9	SC.912.L.15.10	SC.912.L.17.5
SC.912.N.1.6	SC.912.L.16.10	SC.912.L.15.13	SC.912.L.17.8
SC.912.N.2.1	SC.912.L.16.14	SC.912.L.15.14	SC.912.L.17.9
SC.912.N.2.2	SC.912.L.16.16	SC.912.L.18.7	SC.912.L.17.11
SC.912.N.3.1	SC.912.L.16.17	SC.912.L.18.8	SC.912.L.17.13
SC.912.N.3.4	SC.912.L.16.8	SC.912.L.18.10	