

This course will now be available to be taken in either order (A or B)

Biology 1 (Semester A) Curriculum Map

Semester A

XXXXXXXXXXXXXXXXXXXX	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15	Wk 16	Wk 17	Wk 18
Essential Questions	How do I investigate science?		What makes up an ecosystem and how are humans a part?							Just what is life anyway?								
Content in terms of essential concepts and topics	The Study of Life		Principles of Ecology		Communities, Biomes, and Populations				Diversity and Conservation		Chemistry of Life			Structure and Function/Energy of Life				
Standards/Skills i.e., processes and skills emphasized Indiana Academic Standards plus MCSC skills	1.11, 1.16, 1.17, 1.18, 1.31, 1.38, 1.41, 1.43		1.19, 1.32, 1.37, 1.40, 1.41, 1.42, 1.43, 1.44, 1.45, 1.47		1.17, 1.18, 1.31, 1.37, 1.38, 1.39, 1.40, 1.41, 1.43, 1.44, 1.45, 1.46				1.38, 1.41, 1.43, 1.45, 1.46, 1.47		1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10			1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.19, 1.20, 1.43, 1.44				
Products/Assessments It is assumed that teachers will assess students with traditional tests.																		

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Biology 1 (Semester B) Curriculum Map

Semester B

XXXXXXXXXXXXXXXXXX	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15	Wk 16	Wk 17	Wk 18
Essential Questions	Why do you look the way you look?								How has life changed?									
Content in terms of essential concepts and topics	Reproduction and Mendelian Genetics				Molecular Genetics		Human Genetics			Gene Technology		Natural Selection, Mechanisms of Evolution, and Origins of Biodiversity						
Standards/Skills i.e., processes and skills emphasized Indiana Academic Standards plus MCSC skills	1.7, 1.8, 1.21, 1.22, 1.25, 1.28, 1.29, 2.4				1.21, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28, 1.29, 1.30		1.21, 1.23, 1.24, 1.26, 1.28, 1.29,			1.21, 1.22, 1.23, 1.27,		1.24, 1.27, 1.28, 1.30, 1.31, 1.32, 1.33, 1.34, 1.35, 1.36, 1.46, 1.47, 2.1,2.2, 2.3, 2.4						
Products/Assessments It is assumed that teachers will assess students with traditional tests.																		