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2023-2024 School Year

Grade: Biology

Revised May 2023

1st 9 Weeks (43 days)									
9 Weeks at a Glance	**1** August 7-11	**2** August 14-18	**3** August 21-25	**4** August 28-Sept. 1	**5** September 5-8 (Sept. 4 - Labor Day)	**6** September 11-15	**7** September 18-21 (Sept. 22 - Teacher In-Service Day)	**8** September 25-29	**9** October 2-6
Content	Introduction / Syllabi	***Unit 1:*** *Viruses, Prokaryotes ,Eukaryotes , Binary Fission*	***Unit 1:****Cell Cycle, Mitosis, Proteins as related to mitosis.*	*Test* ***Unit 2:*** *Macromolecules. Cell Transport*	*BENCHMARK 1* ***Unit 2:*** *Cell Transport* *Test*	***Unit 3:*** *DNA, RNA, and Proteins*	***Unit 3:*** *Proteins and Enzymes* *Test*	***Unit 4:*** *Meiosis. Sexual reproduction, a sexual reproduction, and Genetics*	*BENCHMARK 2* ***Unit 4:*** *Genetics (monohybrid, dihybrid, pedigrees)* ***Midterms***
Standards		BIO1.LS1.1 BIO1.LS1.2	BIO1.LS1.2 BIO1.LS1.6	BIO1.LS1.2 BIO1.LS1.7	BIO1.LS1.7	BIO1.LS1.3 BIO1.LS1.4	BIO1.LS1.3 BIO1.LS1.4 BIO1.LS1.5	BIO1.LS3.1 BIO1.LS3.2 BIO1.LS3.3	BIO1.LS3.1 BIO1.LS3.2 BIO1.LS3.3

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2nd 9 Weeks (41 days)									
9 Weeks at a Glance	**1** October 16-20	**2** October 23-27	**3** October 30 - November 4	**4** November 6-10	**5** November 13-17	**6** November 20-21 (Nov. 22-24 - Thanksgiving Break)	**7** November 27 - December 1	**8** December 4-8	**9** December 11-15
Content	***Unit 5:*** *Mutations, Ecolution.*	***Unit 5:*** *Evidence, Patterns, Natural Selection* Test	***Unit 6:*** *Photosynthesis and Cellular Respiration*	Test ***Unit 7:*** *Ecology, Energy Transfer, Population Dynamics.*	*BENCHMARK 3* ***Unit 7:*** *Ecology, Relationship, Biodiversity, Succession Test.*	***Unit 8:*** *Biogeochemical Cycles, Human Impact.*	***Unit 8:*** *Biogeochemical Cycles, Human Impact. Test*	EOC Review EOC Testing	*BENCHMARK 4* Final Review Finals
Standards	BIO1.LS4.1 BIO1.LS4.2	BIO1.LS4.1 BIO1.LS4.2	BIO1.LS1.8 BIO1.LS1.9	BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	BIO1.LS2.2 BIO1.LS2.3	BIO1.LS2.2 BIO1.LS2.3		

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3rd 9 Weeks (51 days)											
9 Weeks at a Glance	**1** January 3-5	**2** January 8-12	**3** January16-19 (Jan. 15 - MLK Day)	**4** January 22-26	**5** January 29 - February 2	**6** February 5-9	**7** February 12-16	**8** February 20-23 (Feb. 19 - Teacher In-Service Day)	**9** February 26 - March 1	**10** March 4-8	**11** March 11-15
Content		***Unit 1:*** *Viruses, Prokaryotes,Eukaryotes, Binary Fission*	***Unit 1:****Cell Cycle, Mitosis, Proteins as related to mitosis.*	*Test* ***Unit 2:*** *Macromolecules. Cell Transport*	*BENCHMARK 1* ***Unit 2:*** *Cell Transport* *Test*	***Unit 3:*** *DNA, RNA, and Proteins*	***Unit 3:*** *Proteins and Enzymes* *Test*	***Unit 4:*** *Meiosis. Sexual reproduction, a sexual reproduction, and Genetics*	*BENCHMARK 2* ***Unit 4:*** *Genetics (monohybrid, dihybrid, pedigrees)* ***Midterms***	***Unit 5:*** *Mutations, Ecolution.*	***Unit 5:*** *Evidence, Patterns, Natural Selection* Test
Standards		BIO1.LS1.1 BIO1.LS1.2	BIO1.LS1.2 BIO1.LS1.6	BIO1.LS1.2 BIO1.LS1.7	BIO1.LS1.7	BIO1.LS1.3 BIO1.LS1.4	BIO1.LS1.3 BIO1.LS1.4 BIO1.LS1.5	BIO1.LS3.1 BIO1.LS3.2 BIO1.LS3.3	BIO1.LS3.1 BIO1.LS3.2 BIO1.LS3.3	BIO1.LS4.1 BIO1.LS4.2	BIO1.LS4.1 BIO1.LS4.2

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4th 9 Weeks (42 days)									
9 Weeks at a Glance	**1** March 18-21 (March 22 - Spring Break) ***Could be part of the 3rd 9 weeks.	**2** April 1-4	**3** April 8-12	**4** April 15-19	**5** April 22-26	**6** April 29 - May 3	**7** May 6-10	**8** May 13-17	**9** May 20-24 (May 23 - Admin. Day)
Content	***Unit 6:*** *Photosynthesis and Cellular Respiration*	Test ***Unit 7:*** *Ecology, Energy Transfer, Population Dynamics.*	*BENCHMARK 3* ***Unit 7:*** *Ecology, Relationship, Biodiversity, Succession Test.*	***Unit 8:*** *Biogeochemical Cycles, Human Impact.*	***Unit 8:*** *Biogeochemical Cycles, Human Impact. Test*	EOC Review EOC Testing	*BENCHMARK 4* **Miscellaneous Labs/Projects**	**Miscellaneous Labs/Projects**	Final Review Finals
Standards	BIO1.LS1.8 BIO1.LS1.9	BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	BIO1.LS2.2 BIO1.LS2.3	BIO1.LS2.2 BIO1.LS2.3		BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	BIO1.LS2.1 BIO1.LS2.4 BIO1.LS2.5 BIO1.LS4.3	