

8th Grade Science Syllabus 2021-2022

Week	Dates	Topic
1	August 9 - 13	Administration and Lab Procedures
2	August 16 - 20	Fossil Types/Relative Dating
3	August 23 - 27	Relative and Absolute Dating: Law of Superposition, Radioactive Dating
4	Aug 30 - Sept 3	Geologic Evolution
5	September 7 - 10	Geologic Time Scale
6	September 13 - 17	Geologic Time Scale
7	September 20 - 24	Biologic Evolution: Genetic Variation
8	Sept 27 - Oct 1	Biologic Evolution: Comparative Anatomy
9	October 4 - 8	Hydrosphere: Water Distribution
10	October 11 - 15	Hydrosphere: Freshwater Sources
11	October 18 - 22	Marine Ecosystems - End of First Nine Weeks 10/22
12	October 25 - 29	Teacher Work Week
13	November 1 - 5	Marine Ecosystems - Water Quality
14	November 8 - 12	Water Quality

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15	November 15 - 19	Human Impact on Water
16	November 22 - 23	Ecosystems
17	Nov 29 - Dec 3	Food Webs and Cycling of Matter
18	December 6 - 10	Food Webs, Cycling of Matter, Interactions Within Ecosystems
19	December 13 - 17	Microbes Disease-Causing Agents
20/21	December 20 - 31	Winter Break
22	January 3 - 7	Microbes Disease-Causing Agents
23	January 10 - 14	Epidemic Pandemic Disease - End of 2nd Nine Weeks 1/14
24	January 19 - 21	Molecular Biology - Photosynthesis & Cellular Respiration
25	January 24 - 28	Molecular Biology/Biotechnology - Body Health
26	Jan 31 - Feb 4	Biotechnology - Careers/NC Economical Benefits/Ethical Issues
27	February 7 - 11	Physical and Chemical Changes
28	28February 14 - 18	Physical and Chemical Changes
29	February 21 - 25	Teacher Work Week
30	Feb 28 - Mar 4	Structure of an Atom, Classifying Matter

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31	March 7 - 11	Structure of an Atom, Classifying Matter
32	March 14 - 18	Periodic Table-History/Organization/Structure
33	March 21 - 24	Periodic Table-History/Organization/Structure - End of 3rd Nine Weeks 3/24
34	Mar 28 - April 1	Law of Conservation of Mass - Chemical Equations/Chemical Reactions
35	April 4 - 8	Law of Conservation of Mass - Chemical Equations/Chemical Reactions
36	April 11 - 15	Energy Use
37	April 18 - 22	Spring Break
38	April 25 - 29	Renewable and Nonrenewable Energy
39	May 2 - 6	Renewable and Nonrenewable Energy
40	May 9 - 13	EOG Review: 8.E.1- Hydrosphere, 8.E.2 - Earth's History, 8.L.4 - Evolution
41	May 16 - 20	EOG Review: 8.L.3 - Ecosystems, 8.L.5 - Molecular Biology, 8.L.1 & 8.L.2 - Structures and Functions of Living Organisms
42	May 23 - 27	EOG Review: 8.P.1 - Matter: Properties & Change, 8.P.2 - Energy: Conservation & Transfer
43	May 31 - June 3	EOG Testing / Enrichment
44	June 6 - 10	EOG Make-Ups / Enrichment