

Week(s)	Main Topic (Book A)	Supplemental Topics (Books B & C)
8/31-10/19	Foundational Concepts in Physics	
8/31	Introduction to Scientific Literacy	
9/7-9/14	A1: Knowing - The universe is regular and predictable	B1: Measurement, C1: Science: A Way of Knowing, B2: The Scientific Process
9/21-10/19	A2: Energy - Energy is conserved and always goes from more useful to less useful forms	B7: Work and Energy, C3: Energy
10/19	Test on Knowing & Energy	
10/26-1/11	The Microscopic World of Atoms	
10/26-11/9	A4: The Atom - All matter is made of atoms Playlist: https://youtube.com/playlist?list=PL3hPm0ZdYhywb0pyaNIIsXFzIOB3FESr0y&si=gd4ydD0FrAcuF4TF	B8: Matter and Temperature, B12: Atoms and the Periodic Table, C8: The Atom
11/16	Quiz on The Atom: The Basic/Fundamentals	
11/16, 11/30, and 12/7	A6: Chemical Bounding - Atoms are bound by electron glue Playlist: https://youtube.com/playlist?list=PL3hPm0ZdYhyxMcbHkcUgRIM4-w4gAgfRA&si=SCHnAlBbVutaqbND	B13: Compounds, C10: Atoms in Combination: The Chemical Bond
12/14	Quiz on The Atom: More Complex Concepts	
12/14 & 1/4	A7: Atomic Architecture - The way all material behaves depends on how its atoms are arranged	C11: Materials and Their Properties
1/11	Test on A4, A6, and A7	
1/18-3/21	The Universe and Our Planet	
1/18-1/25	A10: Astronomy - Stars experience a cycle of birth and death	B26: The Solar System, B27: Stars, C14: The Stars
2/2	Quiz on Astronomy: The Basics/Fundamentals	
2/2-2/22	A11: The Cosmos - The universe was born at a specific time in the past, and it has expanded ever since	B28: Exploring the Universe, C15: Cosmology
2/29	Quiz on Astronomy: More Complex Concepts	
2/29- 3/14	A13: The Restless Earth - Earth's surface is constantly changing, and no feature on earth is permanent	B18: Earth's History and Rocks, B19: Changing Earth, B20: Earthquakes and Volcanoes, C17: Plate Tectonics
3/21	Test on A10, A11, and A13	
4/11-6/6	Foundations of Biology	
4/11-4/18	A15: The Ladder of Life - All living things are made from cells, the chemical factories of life	C21: The Living Cell, C16: Earth and Other Planets
4/25	Quiz on Calls	
4/25-5/2	A16: The Code of Life - All life is based on the same genetic code	C23: Classical and Modern Genetics
5/9	Quiz on Genetics	
5/9-5/23	Review of the most important concepts covered in Scientific Literacy this year.	
5/30	Test on everything (on the concepts Dan reviewed on 5/9-5/23)	

Book A = Science Matters: Scientific Literacy, Book B = The Science: An Integrated Approach, Book C = Physical, Earth, and Space Science. (The number after the letter is the chapter).