

Comprehensive Science 3 Advanced (2002110) Scope and Sequence

Unit	Standards	Suggested Timeframe
Unit 1: The Practice of Science	SC.8.N.2.1 , SC.8.N.2.2 , SC.8.N.1.5 , SC.8.N.1.1 , SC.8.N.1.2 , SC.8.N.1.4 , SC.8.N.1.6 , SC.8.N.1.3	3 weeks (14 days)
Unit 2: Atomic Theory and Periodic Table	SC.8.N.3.2 , SC.8.P.8.7 , SC.912.P.8.4 , SC.8.P.8.6 , SC.912.P.8.5 , SC.8.N.1.1	3 weeks (13 days)
Unit 3: Classifying Matter	SC.8.P.8.5 , SC.912.P.8.7 , SC.8.N.3.1 , SC.8.P.8.8 , SC.912.P.8.11 , SC.8.N.1.1 , SC.8.N.1.2 , SC.8.P.8.9 , SC.912.P.8.2	3 weeks (14 days)
End of the 1st Quarter		
Unit 4: Properties of Matter	SC.8.P.8.1 , SC.912.P.8.1 , SC.8.N.3.1 , SC.8.P.8.2 , SC.912.P.8.2 , SC.8.P.8.3 , SC.8.P.8.4 , SC.8.N.1.1 , SC.8.N.1.2 , SC.8.N.1.4 , SC.8.N.1.6 , SC.8.N.1.3	3 weeks (14 days)
Unit 5: Changes in Matter	SC.8.P.9.2 , SC.8.N.1.1 , SC.8.N.1.2 , SC.8.N.1.4 , SC.8.N.1.6 , SC.8.N.1.3 , SC.8.P.9.3 , SC.8.P.9.1 , SC.8.N.3.1	3 weeks (14 days)
Unit 6: Photosynthesis and Cellular Respiration	SC.8.L.18.1 , SC.912.L.18.7 , SC.8.L.18.4 , SC.912.L.18.8 , SC.912.L.18.9 , SC.8.N.1.1 , SC.8.N.1.6 , SC.8.L.18.2	2 weeks (10 days)
End of the 2nd Quarter		
Unit 7: Cycling of Matter and Energy	SC.8.L.18.4 , SC.8.L.18.3 , SC.8.N.3.1	4 weeks (18 days)
Unit 8: The Earth-Sun-Moon System	SC.8.E.5.9 , SC.8.N.3.2	3 weeks (15 days)
Unit 9: The Solar System	SC.8.E.5.8 , SC.8.N.1.6 , SC.8.E.5.4 , SC.8.E.5.7 , SC.8.E.5.10	3 weeks (13 days)
End of the 3rd Quarter		
Unit 10: Universe and Stars	SC.8.E.5.11 , SC.8.E.5.10 , SC.8.E.5.6 , SC.8.E.5.5 , SC.8.E.5.2 , SC.8.N.1.5 , SC.8.E.5.3 , SC.8.E.5.1 , SC.912.E.5.4	3 weeks (14 days)
Review for 8th Grade SSA		
Unit 11: Space Exploration	SC.8.N.4.1 , SC.8.E.5.12 , SC.8.N.4.2 , SC.8.E.5.10 , SC.8.N.1.5	1 week (5 days)
Unit 12: Health	SC.6.L.14.5 , SC.6.L.14.6 , HE.8.B.4.1 , HE.8.B.4.4 , HE.8.B.5.1 , HE.8.B.5.2 , HE.8.B.5.3 , HE.8.B.5.5 , HE.8.C.1.2 , HE.8.C.1.4 , HE.8.C.1.5 , HE.8.C.1.6 , HE.8.C.1.7 , HE.8.C.1.8 , HE.8.C.2.2 , HE.8.C.2.8 , HE.8.C.2.9 , HE.8.P.7.1 , HE.8.P.7.2 , HE.8.P.8.1 , HE.8.P.8.2	1 week

Nature of Science standards are indicated in green. Advanced standards are indicated in blue. *Units 1-10 must be taught before the SSA in May. Units 11-12, review lessons, enrichment lessons, STEM Design Challenges and prep for high school Environmental Science and Biology courses are to be taught after SSA.