



NGSSS Science Bootcamp Pacing Guide - Grade 8 (Miami-Dade County)

2021 - 2022

#	Week	FL Code	LESSON	Foldable Connection
1	Aug. 23– Aug. 27	SC.8.N.1.1	Scientific Investigations pp. 1 - 6	4
2	Aug. 30 – Sept. 3	SC.8.P.8.3 SC.8.P.8.4	Physical Properties of Matter pp. 85 -90	18
3	Sept. 6 – Sept. 10 (3 days)	SC.8.P.8.2 SC.7.P.11.4 SC.6.P.13.1 SC.6.P.13.3	Force and Motion pp. 127-132	25
4	Sept. 13– Sept. 17 (4 days)	SC.8.P.9.1 SC.8.P.9.2 SC.8.P.9.3	Physical and Chemical Changes pp. 103- 108	21
5	Sept. 20 – Sept. 24	SC.8.P.8.8 SC.8.P.8.9	Properties of Compounds pp. 97- 102	19
6	Sept. 27 – Oct. 1	SC.8.P.8.5 SC.8.P.8.1 SC.8.P.8.6 SC.8.P.8.7	Separating Mixtures and Forming Solutions pp. 91 - 96	20
7	Oct. 4- Oct.8	SC.7.P.10.3 SC.7.P.10.2	Movement of Waves pp. 115-120	23
8	Oct. 11 – Oct. 15	SC.7.P.11.2	Energy Transformation pp. 121-126	24
9	Oct. 18 – Oct. 22	SC.8.E.5.1 SC.8.E.5.2 SC.8.E.5.3	Relationships Between Astronomical Bodies pp. 25 - 30	8
10	Oct. 25 – Oct. 29 (4 days)	REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and Journal Entries		
11	Nov.1-Nov. 5	SC.8.E.5.5 SC.8.E.5.6	Properties of Stars pp. 31 - 36	9
12	Nov. 8 – Nov. 12 (4 days)	SC.8.E.5.11 SC.7.P.10.1	Energy and the Electromagnetic Spectrum pp.109-114	22

13	Nov. 15 – Nov. 19	SC.8.E.5.4 SC.8.E.5.7 SC.8.E.5.8	Gravity and the Solar System pp.37 - 42	10
14	Nov. 22 – Nov. 26 (2 days)	SC.8.E.5.9	Interaction Between Objects in Space pp. 43 - 48	11
15	Nov. 29 – Dec.3	SC.7.L.15.2	Scientific Theory of Evolution pp.157-162	31
16	Dec. 6- Dec.10	SC.6.L.14.1	Organization and Development of Organisms pp.133-138	26
17	Dec. 13- Dec. 17	SC.6.L.14.2 SC.6.L.14.4	Cell Theory and Organelles pp.139-144	27
18	Jan. 3- Jan.7	SC.6.L.14.5	Human Body Systems pp.145-150	28-29
19	Jan.10 - Jan.14	SC.6.L.18.1 SC.6.L.18.2	Photosynthesis and Cellular Respiration pp.181-186	35
20	Jan. 17- Jan. 21 (3 days)	SC.8.L.18.3 SC.8.L.18.4	Matter and Energy Transformations pp.187-192	36
21	Jan. 24- Jan.28	SC.7.L.16.1	Determining Hereditary Probabilities pp.163-168	32
22	Jan. 31 – Feb. 4	SC.7.L.16.2 SC.7.L.16.3	Heredity and Reproduction pp.169-174	33
23	Feb. 7 – Feb. 11	SC.6.L.17.2	Interdependence Among Organisms pp.175-180	34
24	Feb. 14 – Feb. 18	REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and journal entries		
25	Feb. 21 – Feb. 25 (4 days)	SC.7.E.6.2	The Rock Cycle and Earth's Surface pp.49 - 54	12
26	Feb. 28 – March 4	SC.6.E.6.2 SC.7.E.6.6	Earth and Floridian Landforms pp. 55 - 60	13
27	March 7 – March 11	SC.7.E.6.4 SC.7.E.6.3	Earth's Evolution and Dating pp.61 - 66	14
28	March 14 – March 18	SC.7.E.6.5	The Movement of Earth's Plates pp.67 - 72	15
29	Spring Break March 21– March 25			
30	March 28 – April 1	SC.6.E.7.4	Earth's Functional Systems pp. 73- 78	16
31	April 4 - April 8	SC.6.E.7.1 SC.6.E.7.5	Global Patterns Influenced by the Sun pp.79-84	17
32	April 11– April 15 (4 days)	SC.8.N.1.2 SC.7.N.1.2	Repeating Investigations pp.7-12	5

33	April 18 – April 22	SC.7.N.1.5 SC.8.N.1.5 SC.8.E.5.10	Methods for Exploring Fields in Science pp.13-18	6
34	April 25 – April 29	SC.7.N.3.1 SC.8.N.3.2	Hypothesis, Models, Theories, and Laws pp.19-24	7
35	May 2 – May 6	<p style="text-align: center;">REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and journal entries</p>		