

SCIENCE BOOTCAMP PACING GUIDE - GRADE 5

OCPS
Starts 08/11/20

NGSSS SCIENCE 2020 - 2021

#	Week	Focus Standards	Supporting Standards	Speed Bag Mission	Foldable Connection
1	Aug 10 - Aug 14	SC.4.E.6.1 SC.4.E.6.2	Rocks and Minerals pp. 49 - 54	9	12
2	Aug 17 - Aug 21	SC.4.E.6.3 SC.4.E.6.6	Renewable and Nonrenewable Resources pp. 55 - 60	10	13
3	Aug 24 - Aug 28	SC.4.E.6.4	Weathering and Erosion pp. 61 - 66	11	14
Aug 31 - Sept 4		PRE-TEST: FULL LENGTH ASSESSMENT (Form A)			
4	Aug 31 - Sept 4	SC.5.P.8.1	Physical Properties of Matter pp. 85 - 90	15	18
5	Sept 8 - Sept 11 (4 days)	SC.5.P.8.3 SC.5.P.8.2	Separating Mixtures and Forming Solutions pp. 91 - 96	16	19
6	Sept 14 - Sept 18	SC.5.P.9.1	The Effects of Temperature on Physical and Chemical Changes pp. 97 - 102	17	20
7	Sept 21 - Sept 25	SC.5.E.5.1	The Sun: A Star in the Milky Way Galaxy pp. 25 - 30	5	8
8	Sept 29 - Oct 2	SC.5.E.5.2 SC.5.E.5.3	Our Solar System pp. 31 - 36	6	9
9	Oct 5 - Oct 9	SC.4.E.5.4 SC.4.E.5.3 SC.4.E.5.1	The Movement of Earth pp. 37 - 42	7	7
10	Oct 12 - Oct 16	SC.4.E.5.2	Moon Phases pp. 43 - 48	8	11
11	Oct 19 - Oct 22 (4 days)	SC.5.P.13.1	Forces and Motion of an Object pp. 127 - 132	22	25
12	Oct 26 - Oct 30	SC.5.P.13.2 SC.5.P.13.3 SC.5.P.13.4	The Effect of the Overall Forces on Motion pp. 133 - 138	23	26
13	Nov 2 - Nov 6	SC.5.P.10.1	Forms of Energy pp. 103 - 108	18	21
14	Nov 9 - Nov 13 (4 days)	SC.5.P.10.2	Force, Motion, and Renewable Energy pp. 109 - 114	19	22
15	Nov 16 - Nov 20	SC.5.P.10.4 SC.5.P.11.1	Electric Circuits and Energy Transformations pp. 115 - 120	20	23
Nov 23 - Nov 27		THANKSGIVING BREAK			
Nov 30 - Dec 4		REVIEW WEEK & PROGRESS TEST: FULL LENGTH ASSESSMENT (Form B)			
16	Dec 7 - Dec 11	SC.5.P.10.3 SC.5.P.11.2	Conductors of Heat and Electricity pp. 121 - 126	21	24
17	Dec 14 - Dec 18	SC.5.N.1.1	The Scientific Method pp. 1 - 6	1	4

Dec 21 – Jan 1		WINTER BREAK			
18	Jan 4 – Jan 7 (4 days)	SC.5.E.7.1 SC.5.E.7.2	The Water Cycle pp. 67 - 72	12	15
19	Jan 11 – Jan 15	SC.5.E.7.3 SC.5.E.7.4	Factors Influencing Weather pp. 73 -78	13	16
20	Jan 20 – Jan 22 (3 days)	SC.5.E.7.5 SC.5.E.7.6	Weather in Environments and Climate Zones pp. 79 - 84	14	17
21	Jan 25 – Jan 29	SC.3.L.14.1 SC.3.L.17.2 SC.3.L.14.2	Plant Organs and Response to Stimuli pp. 139 – 144	24	27
22	Feb 1 – Feb 5	SC.5.L.14.1	The Organs of the Human Body pp. 145 - 150	25	28/29
23	Feb. 8 – Feb. 12	SC.5.L.14.2	Physical Structures of Plants and Animals pp. 151 - 156	26	30
24	Feb 16 – Feb 19 (4 days)	SC.4.L.16.4	Life Cycle of Plants and Animals pp. 163 - 168	28	32
25	Feb 22 – Feb 26	SC.3.L.15.1 SC.3.L.15.2	Classification of Plants and Animals pp. 157 - 162	27	31
26	March 1 – March 5	SC.4.L.17.3	The Flow of Energy in a Food Chain pp. 187 – 192	32	36
27	March 8 – March 12	SC.5.L.17.1	Adaptations of Organisms pp. 169 - 174	29	33
March 15–March 19		SPRING BREAK			
28	March 22 - March 26	SC.5.L.17.1	Adapting to the Environment pp. 175 - 180	30	34
29	March 29 – April 2 (4 days)	SC.5.L.15.1	Environmental Changes vs. Population Size pp. 181 - 186	31	35
30	April 5 – April 9	SC.5.N.2.2 SC.5.N.1.3	Repeating Scientific Investigations pp. 13 - 18	3	6
31	April 12 – April 16	SC.5.N.1.5 SC.5.N.1.6 SC.5.N.2.1	Verified Observation or Personal Opinion pp. 19 - 24	4	7
April 12 – April 16		POST TEST: FULL LENGTH ASSESSMENT (Form C)			
32	April 19 – April 23	REVIEW EARTH SCIENCE: EARTH SCIENCE CLUSTER ASSESSMENT			
33	April 26 – April 30	REVIEW PHYSICAL SCIENCE: PHYSICAL SCIENCE CLUSTER ASSESSMENT			
34	May 3 - May 7	REVIEW LIFE SCIENCE: LIFE SCIENCE CLUSTER ASSESSMENT			
35	May 10 - May 14	TESTING - NGSS Science Begins			