

SCIENCE BOOTCAMP PACING GUIDE - GRADE 5

Lake County

NGSSS SCIENCE 2020 - 2021

#	Week	Focus Standards	Supporting Standards	Speed Bag Mission	Foldable Connection
1	Aug 24 – Aug 28	SC.5.N.1.1	The Scientific Method pp. 1 - 6	1	4
2	Aug 31 – Sept 4	SC.5.N.1.2 SC.5.N.1.4	Types of Scientific Investigations pp. 7 - 12	2	5
3	Sept 8 – Sept 11 (4 days)	SC.5.N.2.2 SC.5.N.1.3	Repeating Scientific Investigations pp. 13 - 18	3	6
PRE-TEST: FULL LENGTH ASSESSMENT (Form A)					
	Sept 14 – Sept 18	SC.5.N.1.5 SC.5.N.1.6	Verified Observation or Personal Opinion pp. 19 - 24	4	7
NATURE OF SCIENCE CLUSTER ASSESSMENT					
5	Sept 21 – Sept 25	SC.5.E.5.1	The Sun: A Star in the Milky Way Galaxy pp. 25 - 30	5	8
6	Sept 29 – Oct 2	SC.5.E.5.2 SC.5.E.5.3	Our Solar System pp. 31 - 36	6	9
7	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
8	Oct 12 – Oct 16	SC.4.E.5.2	Moon Phases pp. 43 - 48	8	11
9	Oct 19 – Oct 22 (4 days)	SC.4.E.6.1 SC.4.E.6.2	Rocks and Minerals pp. 49 - 54	9	12
10	Oct 26 – Oct 30	SC.4.E.6.3 SC.4.E.6.6	Renewable and Nonrenewable Resources pp. 55 - 60	10	13
11	Nov 2 – Nov 6	SC.4.E.6.4	Weathering and Erosion pp. 61 - 66	11	14
12	Nov 9 – Nov 13 (4 days)	SC.5.E.7.1 SC.5.E.7.2	The Water Cycle pp. 67 - 72	12	15
13	Nov 16 – Nov 20	SC.5.E.7.3 SC.5.E.7.4	Factors Influencing Weather pp. 73 - 78	13	16
PROGRESS TEST: FULL LENGTH ASSESSMENT (Form B)					
THANKSGIVING BREAK					
14	Nov 30 - Dec 4	SC.5.E.7.5 SC.5.E.7.6	Weather in Environments and Climate Zones pp. 79 - 84	14	17
EARTH SCIENCE CLUSTER ASSESSMENT					
15	Dec 7 – Dec 11	SC.5.P.8.1	Physical Properties of Matter pp. 85 - 90	15	18
16	Dec 14 – Dec 18	SC.5.P.8.3 SC.5.P.8.2	Separating Mixtures and Forming Solutions pp. 91 - 96	16	19

Dec 21 – Jan 1		WINTER BREAK			
17	Jan 4 – Jan 7 (4 days)	SC.5.P.9.1	The Effects of Temperature on Physical and Chemical Changes pp. 97 - 102	17	20
18	Jan 11 – Jan 15	SC.5.P.10.1	Forms of Energy pp. 103 - 108	18	21
19	Jan 20 – Jan 22 (3 days)	SC.5.P.10.2	Force, Motion, and Renewable Energy pp. 109 - 114	19	22
20	Jan 25 – Jan 29	SC.5.P.10.4 SC.5.P.11.1	Electric Circuits and Energy Transformations pp. 115 - 120	20	23
21	Feb 1 – Feb 5	SC.5.P.10.3 SC.5.P.11.2	Conductors of Heat and Electricity pp. 121 - 126	21	24
22	Feb. 8 – Feb. 12	SC.5.P.13.1	Forces and Motion of an Object pp. 127 - 132	22	25
23	Feb 16 – Feb 19 (4 days)	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
Feb 16 – Feb 19		PHYSICAL SCIENCE CLUSTER ASSESSMENT			
24	Feb 22 – Feb 26	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
25	March 1 – March 5	SC.5.L.14.1	The Organs of the Human Body pp. 145 - 150	25	28/29
26	March 8 – March 12	SC.5.L.14.2	Physical Structures of Plants and Animals pp. 151 - 156	26	30
March 15–March 19		SPRING BREAK			
27	March 22 - March 26	SC.3.L.15.1 SC.3.L.15.2	Classification of Plants and Animals pp. 157 - 162	27	31
28	March 29 – April 2 (4 days)	SC.4.L.16.4	Life Cycle of Plants and Animals pp. 163 - 168	28	32
29	April 5 – April 9	SC.5.L.17.1	Adaptations of Organisms pp. 169 - 174	29	33
30	April 12 – April 16	SC.5.L.17.1	Adapting to the Environment pp. 175 - 180	30	34
31	April 19 – April 23	SC.5.L.15.1	Environmental Changes vs. Population Size pp. 181 - 186	31	35
32	April 26 – April 30	SC.4.L.17.3	The Flow of Energy in a Food Chain pp. 187 – 192	32	36
April 26 – April 30		LIFE SCIENCE CLUSTER ASSESSMENT			
33	May 3 - 7 REVIEW WEEK	POST TEST: FULL LENGTH ASSESSMENT (Form C)			
34	MAY 10 - May 14	TESTING - NGSSS Science Begins			