



NGSSS Science Bootcamp Pacing Guide - Grade 5 (Lake County)

2021 - 2022

| # | Week | FL Code | LESSON | Foldable Connection |
|----|--------------------------------|--|--|---------------------|
| 1 | Aug. 10– Aug. 13 | SC.5.E.5.1 | The Sun: A Star in the Milky Way Galaxy pp. 25 - 30 | 8 |
| 2 | Aug. 16 – Aug. 20 | SC.4.E.5.2 | Our Solar System pp. 31 – 36 | 9 |
| 3 | Aug. 23 – Aug. 27 | SC.4.E.5.4 SC.4.E.5.3 SC.4.E.5.1 | The Movement of Earth pp. 37 - 42 | 10 |
| 4 | Aug. 30 – Sept. 3 (4 days) | SC.5.E.5.2 SC.5.E.5.3 | Moon Phases pp. 43 - 48 | 11 |
| 5 | Sept. 6 – Sept. 10 (4 days) | SC.4.E.6.1 SC.4.E.6.2 | Rocks and Minerals pp. 49 - 54 | 12 |
| 6 | Sept. 13 – Sept.17 | SC.4.E.6.4 | Weathering and Erosion pp. 61 - 66 | 14 |
| 7 | Sept. 20 – Sept.24 | SC.4.E.6.3 SC.4.E.6.6 | Renewable and Nonrenewable Resources pp. 55 - 60 | 13 |
| 8 | Sept. 27– Oct. 1 | SC.5.E.7.1 SC.5.E.7.2 | The Water Cycle pp. 67 - 72 | 15 |
| 9 | Oct. 4 – Oct. 8 (4 days) | SC.5.E.7.3 SC.5.E.7.4 | Factors Influencing Weather pp. 73 -78 | 16 |
| 10 | Oct. 11– Oct. 15 | SC.5.E.7.5 SC.5.E.7.6 | Weather in Environments and Climate Zones pp. 79 - 84 | 17 |
| 11 | Oct. 18 – Oct. 22 | REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and Journal Entries | | |
| 12 | Oct. 25 – Oct.29 | SC.5.N.1.1 | The Scientific Method pp. 1 - 6 | 4 |
| 13 | Nov. 1 – Nov. 5 | SC.5.N.1.2 SC.5.N.1.4 | Types of Scientific Investigations pp. 7 - 12 | 5 |
| 14 | Nov. 8 – Nov. 12 (4 days) | SC.5.N.2.2 SC.5.N.1.3 | Repeating Scientific Investigations | 6 |

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| | | | pp. 13 - 18 | |
| 15 | Nov. 15 – Nov. 19 | SC.5.N.2.1 SC.5.N.1.5 SC.5.N.1.6 | Verified Observation or Personal Opinion pp. 19-24 | 7 |
| 16 | Nov.29 - Dec.3 | REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and Journal Entries | | |
| 17 | Dec. 6- Dec. 10 | SC.5.P.8.1 | Physical Properties of Matter pp. 85 -90 | 18 |
| 18 | Dec.13- Dec.17 (4 days) | SC.5.P.8.3 SC.5.P.8.2 | Separating Mixtures and Forming Solutions pp. 91 - 96 | 19 |
| 19 | Jan.3- Jan. 7 (4 days) | SC.5.P.9.1 | The Effects of Temperature on Physical and Chemical Changes pp. 97 - 102 | 20 |
| 20 | Jan.10- Jan.14 | SC.5.P.10.1 | Forms of Energy pp. 103 - 108 | 21 |
| 21 | Jan. 17- Jan.21 (4 days) | SC.5.P.10.3 SC.5.P.11.2 | Conductors of Heat and Electricity pp. 121 - 126 | 24 |
| 22 | Jan. 24 – Jan. 28 | SC.5.P.10.4 SC.5.P.11.1 | Electric Circuits and Energy Transformations pp. 115 - 120 | 23 |
| 23 | Jan. 31 – Feb. 4 | SC.5.P.13.1 | Forces and Motion of an Object pp. 127 - 132 | 25 |
| 24 | Feb. 7 – Feb. 11 | 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 | 26 |
| 25 | Feb. 14 – Feb. 18 | REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and Journal Entries | | |
| 26 | Feb. 21– Feb. 25 (4 days) | SC.3.L.14.1 SC.3.L.17.2 SC.3.L.14.2 | Plant Organs and Response to Stimuli pp. 139 - 144 | 27 |
| 27 | Feb.28 – March 4 | SC.5.L.14.1 | The Organs of the Human Body pp. 145 - 150 | 28/29 |
| 28 | March 7 – March 11 (4 days) | SC.5.L.14.2 | Comparing Physical Structures of Plants and Animals pp. 151 - 156 | 30 |
| 29 | | Spring Break March 14– March 18 | | |
| 30 | March 21 – March 25 | SC.3.L.15.1 SC.3.L.15.2 | Classification of Plants and Animals pp. 157-162 | 31 |
| 31 | March 28 – April 1 | SC.4.L.16.4 | Life Cycle of Plants and Animals pp. 163-168 | 32 |
| 32 | April 4 – April 8 (4 days) | SC.5.L.17.1 | Adaptations of Organisms pp. 169 - 174 | 33 |
| 33 | April 11 – April 15 | SC.5.L.17.1 | Adapting to the Environment pp. 175 - 180 | 34 |

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| 34 | April 18 – April 22 | SC.4.L.17.3 | The Flow of Energy in a Food Chain pp. 187 - 192 | 36 |
| 35 | April 25– April 29 | SC.5.L.15.1 | Environmental Changes vs. Population Size pp. 181 - 186 | 31 |
| 36 | May 2– May 6 | REVIEW WEEK Vocabulary Fitness, Relay Race, Bench Press, and Journal Entries | | |
| 37 | May 9– May 13 | NGSSS Science Assessment Window Opens | | |