

# School District of Osceola County Elementary Science Pacing Guide 2023-2024



| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"><b>Science<br/>K-5</b></div> </div> |                                   |   |   |  |  |                                       |  |  |   |  |
|---|-----------------------------------|---|---|--|--|---------------------------------------|--|--|---|--|
|   | Quarter 1 (8/10-10/12)            |   |   | Quarter 2 (10/16-12/15)                        |  |                                       | Quarter 3 (1/3-3/7)                                    |  | Quarter 4 (3/18-5/29)                                   |  |
| K   | Building Life Skills<br>8/10-8/18 | Discovering Science<br>8/21-8/25          | Studying Living Things<br>8/28-11/10                          |  | Exploring the Sky and Space<br>11/13-2/6       |                                       |  | Investigating Matter<br>2/7-3/25             | Experimenting with Sounds, Pushes and Pulls<br>3/26-5/9 | Solving Problems through STEM<br>5/10-5/29 |
| 1   | Building Life Skills<br>8/10-8/16 | Discovering Science<br>8/17-9/1           | Researching Living Things and Their Needs<br>9/5-11/17        |  | Digging into the Earth's Surface<br>11/27-1/22 |                                       | Exploring Space<br>1/23-3/7                            | Inquiry into Motion<br>3/18-4/24             | Investigating Matter<br>4/25-5/16                       | Solving Problems through STEM<br>5/17-5/29 |
| 2   | Building Life Skills<br>8/10-8/16 | Studying Living Things<br>8/17-10/12      |   | Digging into the Earth's Surface<br>10/16-11/9 | Experiencing Weather<br>11/13-1/31             |                                       | Interacting with Energy, Force, and Motion<br>2/1-3/18 | Manipulating Matter<br>3/19-5/15             |   | Solving Problems through STEM<br>5/16-5/29 |
| 3   | Building Life Skills<br>8/10-8/16 | Studying Plants and Animals<br>8/17-12/15 |   |  |  | Exploring Our Solar System<br>1/3-3/7 |  | Manipulating Matter<br>3/18-4/18             | Interacting with Energy<br>4/19-5/17                    | Solving Problems through STEM<br>5/20-5/29 |
| 4   | Building Life Skills<br>8/10-8/16 | Studying Living Things<br>8/17-10/12      |   | Digging into Earth Structures<br>10/16-12/15   |  | Exploring Space<br>1/3-2/8            |  | Investigating Matter and Water<br>2/9-4/15   | Experimenting with Energy and Motion<br>4/16-5/20       | Solving Problems through STEM<br>5/21-5/29 |
| 5   | Building Life Skills<br>8/10-8/16 | Researching Living Things<br>8/17-10/6    | Experiencing Earth's Water, Weather, and climate<br>10/9-12/8 |  | Exploring Space<br>12/11-1/17                  | Investigating Matter<br>1/28-2/23     | Experimenting with Energy<br>2/27-3/28                 | Inquiring into force and motion<br>3/29-4/12 | FSSA Review<br>4/15-5/6                                 | Solving Problems through STEM<br>5/9-5/29  |
| <b>Nature of Science, Science Practices, and STEM integrated throughout the year</b>  |                                   |   |   |  |  |                                       |  |  |   |  |

| Quarter 1 – Fifth Grade (8/10-10/12)                  |  |  |           |              |
|---|--|--|-----------|--------------|
|   | Units  | Essential Standards  | # of Days | Dates        |
| <b>Building Life Skills</b>                           |  |  | 5         | 8/10-8/16    |
| <b>Researching Living Things</b>                      | Human Body   | SC.5.L.14.1, SC.5.L.14.2                                   | 16        | 8/17-9/8     |
|   | *Enrich, Practice, Remediation- All Human body                               | SC.5.L.14.1, SC.5.L.14.2                                   | 1         | 9/11         |
|   | Adaptations, the Environment, and Changes across Time                        | SC.5.L.15.1, SC.5.L.17.1                                   | 16        | 9/12-10/4    |
|   | *Enrich, Practice, Remediation- All Adaptations                              | SC.5.L.15.1, SC.5.L.17.1                                   | 2         | 10/5-10/6    |
| <b>Experiencing Earth's Water, Wx and Climate</b>     | Water Cycle, Oceans, Precipitation, and Clouds                               | SC.5.E.7.1, SC.5.E.7.2, SC.5.E.7.4, SC.5.N.1.2, SC.5.N.1.5 | 4         | 10/9- 10/12  |
| <b>NWEA – Fall</b>                                    | Life, Physical, Earth-Space  |  | 1         | 8/16-9/20    |
| Quarter 2 – Fifth Grade (10/16-12/15)                 |  |  |           |              |
|   | Units  | Essential Standards  | # of Days | Dates        |
| <b>Experiencing Earths Water, Weather and Climate</b> | Water Cycle, Oceans, Precipitation, and Clouds continued                     | SC.5.E.7.1, SC.5.E.7.2, SC.5.E.7.4, SC.5.N.1.2, SC.5.N.1.5 | 6         | 10/16-10/23  |
|   | *Enrich, Practice, Remediation (EPR)- All Water Cycle, Oceans, Precipitation | SC.5.E.7.1, SC.5.E.7.2, SC.5.E.7.4, SC.5.N.1.2, SC.5.N.1.5 | 2         | 10/24-10/25  |
|   | Weather  | SC.5.E.7.3, SC.5.E.7.7, SC.5.N.1.1                         | 15        | 10/26- 11/16 |
|   | *EPR All Weather   | SC.5.E.7.3, SC.5.E.7.7, SC.5.N.1.1                         | 1         | 11/17        |
|   | Climate Zones and Environments   | SC.5.E.7.5, SC.5.E.7.6, SC.5.N.1.1                         | 8         | 11/27-12/6   |
|   | *EPR- All Climate Zones and Environ.   | SC.5.E.7.5, SC.5.E.7.6, SC.5.N.1.1                         | 2         | 12/7-12/8    |
| <b>Exploring Space</b>                                | Galaxies, Planets, and other celestial bodies                                | SC.5.E.5.1, SC.E.5.2, SC.5.E.5.3                           | 5         | 12/11-12/15  |
| <b>NWEA - Winter</b>                                  | Life, Physical, Earth-Space  |  | 1         | 11/27-12/15  |
| Quarter 3 – Fifth Grade (1/3-3/7)                     |  |  |           |              |
|   | Units  | Essential Standards  | # of Days | Dates        |
| <b>Exploring Space</b>                                | Galaxies, Planets, and other celestial bodies                                | SC.5.E.5.1, SC.E.5.2, SC.5.E.5.3                           | 9         | 1/3-1/16     |
|   | *EPR- All Exploring Space  | SC.5.E.5.1, SC.E.5.2, SC.5.E.5.3                           | 1         | 1/17         |
| <b>Investigating Matter</b>                           | Properties of Matter   | SC.5.P.8.1, SC.5.P.8.4, SC.5.N.1.1, SC.5.N.1.3-N.1.4       | 9         | 1/18-1/30    |
|   | *EPR- All Properties of Matter   | SC.5.P.8.1, SC.5.P.8.4, SC.5.N.1.1, SC.5.N.1.3-N.1.4       | 1         | 1/31         |
|   | Changing Matter  | SC.5.P.9.1, SC.5.N.1.1                                     | 9         | 2/1- 2/13    |
|   | *EPR- All Changing Matter  | SC.5.P.9.1, SC.5.N.1.1                                     | 1         | 2/14         |
|   | Mixtures   | SC.5.P.8.2, SC.5.P.8.3, SC.5.N.1.2, 5.N.1.2                | 7         | 2/15-2/23    |
| <b>Experimenting with Energy</b>                      | Forms of Energy  | SC.5.P.10.1, SC.5.P.10.2, SC.5.P.10.4, SC.5.N.1.1-N.1.5    | 8         | 2/27-3/7     |
| <b>Mock Assessment</b>                                | 5 <sup>th</sup> Grade MOCK   | Life, Physical, Earth-Space                                | 2         | 2/26-3/1     |

**Quarter 4 – Fifth Grade (3/18-5/29)**

|  | <b>Units</b>                | <b>Essential Standards</b>                         | <b># of Days</b> | <b>Dates</b> |
|--|-----------------------------|--|------------------|--------------|
| <b>Experimenting with Energy</b>       | Electricity                 | SC.5.P.10.3, SC.5.P.11.1, SC.5.P.11.2              | 9                | 3/18-3/28    |
| <b>Inquiring into Force and Motion</b> | Force and Motion            | SC.5.P.13.1, SC.5.P.13.2, SC.5.P.13.3, SC.5.P.13.4 | 11               | 3/29-4/12    |
| <b>FSSA Review</b>                     | Life, Physical, Earth-Space | Data-dependent/driven                              | 16 Days          | 4/15-5/6     |
| <b>Solving Problems through STEM</b>   | Coding and Robotics         |  | ~14 Days         | After FSSA   |
| <b>FSSA</b>                            | Life, Physical, Earth-Space |  | 2                | 5/7-5/8      |

**Enrichment:** Students will take a deeper dive into a topic by approaching it through a different lens or perspective (NOT MORE).

**Practice:** Students will work on applying the knowledge or skill.

**Remediation:** Students will work fill gaps in their understanding.