

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



Science K-5										
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 8/10-8/18	Discovering Science 8/21-8/25	Studying Living Things 8/28-11/10		Exploring the Sky and Space 11/13-2/6		Investigating Matter 2/7-3/25	Experimenting with Sounds, Pushes and Pulls 3/26-5/9	Solving Problems through STEM 5/10-5/29	
1	Building Life Skills 8/10-8/16	Discovering Science 8/17-9/1	Researching Living Things and Their Needs 9/5-11/17		Digging into the Earth's Surface 11/27-1/22		Exploring Space 1/23-3/7	Inquiry into Motion 3/18-4/24	Investigating Matter 4/25-5/16	Solving Problems through STEM 5/17-5/29
2	Building Life Skills 8/10-8/16	Studying Living Things 8/17-10/12		Digging into the Earth's Surface 10/16-11/9	Experiencing Weather 11/13-1/31		Interacting with Energy, Force, and Motion 2/1-3/18	Manipulating Matter 3/19-5/15		Solving Problems through STEM 5/16-5/29
3	Building Life Skills 8/10-8/16	Studying Plants and Animals 8/17-12/15				Exploring Our Solar System 1/3-3/7		Manipulating Matter 3/18-4/18	Interacting with Energy 4/19-5/17	Solving Problems through STEM 5/20-5/29
4	Building Life Skills 8/10-8/16	Studying Living Things 8/17-10/12		Digging into Earth Structures 10/16-12/15		Exploring Space 1/3-2/8		Investigating Matter and Water 2/9-4/15	Experimenting with Energy and Motion 4/16-5/20	Solving Problems through STEM 5/21-5/29
5	Building Life Skills 8/10-8/16	Researching Living Things 8/17-10/6	Experiencing Earth's Water, Weather, and climate 10/9-12/8		Exploring Space 12/11-1/17	Investigating Matter 1/28-2/27	Experimenting with Energy 2/28-3/28	Inquiring into force and motion 3/29-4/12	FSSA Review 4/15-5/6	Solving Problems through STEM 5/9-5/29
Nature of Science, Science Practices, and STEM integrated throughout the year										

Quarter 1 – Fourth Grade (8/10-10/12)				
	Units	Essential Standards	# of Days	Dates
Building Life Skills			5	8/10-8/16
Studying Living Things	Heredity: Traits and inheritance	SC.4.L.16.2, SC.4.L.16.3	10	8/17-8/30
	Plant and animal reproduction	SC.4.L.16.1, SC.4.L.16.4	17	8/31-9/25
	Interdependence – Food chains	SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4	10	9/26-10/9
*Enrich, Practice, Remediation	All Studying Living Things	SC.4.L.16.2, SC.4.L.16.3, SC.4.L.16.1, SC.4.L.16.4, SC.4.L.17.1, SC.4.L.17.2, SC.4.L.17.3, SC.4.L.17.4	3	10/10- 10/12
NWEA - Fall	Life, Physical, Earth-Space		1	8/16-9/20
Quarter 2 – Fourth Grade (10/16-12/15)				
	Units	Essential Standards	# of Days	Dates
Digging into Earth's Structures	Rocks and Minerals	SC.4.E.6.1, SC.4.E.6.2, SC.4.E.6.5	12	10/16-10/31
	Weathering and Erosion	SC.4.E.6.4	9	11/1-11/14
	Earth's Resources	SC.4.E.6.3, SC.4.E.6.6	13	11/25-12/11
*Enrich, Practice, Remediation	All Digging into Earth's Structures	SC.4.E.6.1, 4.E.6.2, 4.E.6.3, 4.E.6.4, 4.E.6.5, 4.E.6.6	4	12/12-12/15
NWEA – Winter	Life, Physical, Earth-Space		1	11/27-12/15
Quarter 3 – Fourth Grade (1/3-3/10)				
	Units	Essential Standards	# of Days	Dates
Space and Time	Rotation and Revolution	SC.4.E.5.3, SC.4.E.5.4, SC.4.E.5.5	11	1/3-1/18
	Moon Phases	SC.4.E.5.2 SC.4.E.5.5	5	1/19-1/25
	Star Patterns	SC.4.E.5.1	5	1/26-2/1
*Enrich, Practice, Remediation	All Space and Time	SC.4.E.5.1, SC.4.E.5.2, SC.4.E.5.3, SC.4.E.5.4, SC.4.E.5.5	5	2/2- 2/8
Investigating Matter & Water	Properties of Matter	SC.4.P.8.1, SC.4.P.8.4, SC.4.N.1.1, N.2.1	12	2/9-2/27
	Changing Matter	SC.4.P.9.1, SC.4.N.1.1-N.1.2	7	2/28- 3/7
Quarter 4 – Fourth Grade (3/18-5/29)				
	Units	Essential Standards	# of Days	Dates
Investigating Matter & Water	Conservation of Mass	SC.4.P.8.3, SC.4.N.1.1, N.1.4, N.2.1	4	3/18-3/21
	Properties of Water	SC.4.P.8.2, SC.4.N.1.2, N.2.1	4	3/22-3/27
	Heat and Conductors	SC.4.P.11.1, SC.4.P.11.2, SC.4.N.1.2, N.1.6,N.2.1	9	3/28-4/9
*Enrich, Practice, Remediation	All Investigating Matter and Water	SC.4.P.8.1, 4.P.8.4, 4.P.9.1, 4.P.8.3,.P.8.2, 4.P.11.1, 4.P.11.2	5	4/10- 4/15
Experimenting with Energy and Motion	Energy	SC.4.P.10.1, 4.P.10.2,.4.P.10.3,SC.4.N.1.1, N.1.3, N.2.1, N.3.1	13	4/16- 5/2
	Motion	SC.4.P.12.1, SC.4.P.12.2, SC4.N.1.1-N.1.3, N.1.6	9	5/3- 5/15
*Enrich, Practice, Remediation	All Exp. With Energy and Motion	SC.4.P.12.1, SC.4.P.12.2, SC.4.P.10.1, SC.4.P.10.2,4.P.10.3	3	5/16- 5/20
Solving problems through STEM			6	5/21- 5/29
NWEA - Spring	Life, Physical, Earth-Space		1	5/13-5/24

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.