

SCIENCE CURRICULUM SCOPE AND SEQUENCE K-8 2017-2018

Grade	Pacing									
	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
K	Weather & Properties of Matter			Properties & Matter Cont.	Living and Nonliving		Weather Cont.	EiE: A Work in Process: Improving a Play Dough Process		Weather Cont.
1	Sunshine and Shadows			Solids and Liquids	EiE – <i>Catching the Wind: Designing Windmills</i>			Insects *Embedded Task – <i>Home Sweet Home</i>		
2	Balance and Motion *Embedded Task – <i>Spinners</i>			EiE - <i>To Get to the Other Side: Designing Bridges</i>	Pebbles, Sand and Silt			New Plants		
3	Measurement			Earth Materials	Structures of Life *Embedded Task – <i>Soggy Paper</i> *4/16-5/18			Recycle EiE – <i>Thinking Inside the Box: Designing Plant Packages</i>		
4	Ideas and Inventions Part 1	IC	Ideas and Inventions Part 2	EiE – <i>A Slick Solution: Cleaning an Oil Spill</i>	*Embedded Task – <i>Go with the Flow</i> *4/16-5/18		Magnets and Electricity	IC	Water	

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5	8 Standards of Science and Engineering Practices 9/5-9/8 (4 days) **Space Systems: (USE Sun, Moon and Stars & Solar System) 9/11-11/18 (41 days)		**Structure & Properties of Matter (USE Mixtures & Solutions Kit-All Investigations) 11/9-1/23 (45 days)		*Embedded Task – Catch It! 1/24-1/26 3 days <i>(IC Window Open 1/27-2/27)</i> Human Senses And Light 1/29-3/29 (42 days) *CMT REVIEW 2018-2019 –Implement Matter & Energy in Organisms and Ecosystems; Earth’s Systems		Models & Designs STEM – Puff Mobiles 4/2-6/12 (46 days)			
6	8 Standards of Science and Engineering Practices 9/5-9/8 (4 days) **Weather & Climate (USE Weather & Water) 9/11-12/15 (61 days)			• Embedded Task – Dig In! 12/18-12/22 5 days <i>(IC Window-12/22-1/31)</i> **Human Impact & Earth Systems (USE Stream Tables & STEM Pollution Project) 12/18-1/23 (25 days)		**Matter and Energy in Organisms & Ecosystems (USE Environments Investigations 1, 3, & 6 ONLY) 1/24-3/29 (45 days)		**Waves & Electromagnetic Radiation 4/2-6/12 (46 days)		

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7	Science Inquiry (20 days) 2 days for CIC/Science Fair intro	Cells & Microorganisms (27 days)	Human Body Systems (92 days) *Embedded Task – <i>Feel the Beat</i>					Natural Selection & Adaptations (12 days)	Earth History and Systems (30 days) * Informative Writing Task	
8	<i>Science Process Skills & CIC/Sci Fair</i> 5 day	Forces and Interactions (50 days) *Embedded Task – <i>Shipping & Sliding (10 days)</i>		Astronomy (30 days)		Properties of Matter (40 days)		Genetics and Heredity (41days) * Informative Writing Task		