2022-2023 Fifth Grade Curriculum Map

The suggested instructional pacing schedule is approximate and can be adjusted; however, the sequence of instruction should not be altered. Teachers should adhere to the guide as closely as possible. ***Note: The Review Unit and Pre-Unit Review Buffers have been included to provide additional learning supports.***

First Semester				
Unit 0 **Think Like a Scientist**	**Unit 1** **Cells and Microorganisms**	**Buffer**	**Pre-Unit 2** **Review Buffer**	**Unit 2** **Dynamics of Classification**
Lab Safety **Science and Engineering Fair**	**Priority Standards** **S5L3c S5L4a S5L4b** **Supporting Standards** **S5L3a S5L3b**	**Priority Standards** **S5L3c** **S5L2a** **S5L2b**	**Prerequisite Standard** **SKL1b**	**Priority Standards** **S5L1a S5L1b S5L2b** **Supporting Standard** **S5L2a**
10 days	**4 weeks (20 days)**	**3 days**	**2 days**	**3 weeks (15 days)**
Big Ideas • Proper lab safety procedures • Introduction to Science and Engineering Fair	**Big Ideas** • Animal and Plant Cells • Microorganisms **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Construct explanations • Engage in argument from evidence **Crosscutting Concepts** • Systems and system models • Structure and Function • Scale, proportion, and quantity	**Assessment** **Remediation** **Enrichment**	**Big Idea** • Sorting organisms and nonliving objects	**Big Ideas** • Classification of Plants and Animals • Inherited traits and Acquired traits **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Developing and using models • Engage in argument from evidence **Crosscutting Concepts** • Structure and Function • Systems and system models • Cause and Effect

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First Semester				Second Semester	
Buffer	**Pre-Unit 3 Review Buffer**	**Unit 3 Physical and Chemical Changes**	**Buffer**	**Pre-Unit 4 Review Buffer**	**Unit 4 Energy Transfer through Electricity and Magnetism**
Priority Standards **S5L1a** **S5L1b** **S5L2a**	**Prerequisite Standard** **S3P1c**	**Priority Standards** **S5P1a S5P1c** **Supporting Standard** **S5P1b**	**Priority Standards** **S5P1a** **S5P1c**	**Prerequisite Standard** **S1P2**	**Priority Standards** **S5P2b S5P3a** **Supporting Standards** **S5P2a S5P2c S5P3b**
3 days	**2 days**	**6.5 weeks (32 days)**	**3 days**	**3 days**	**5 weeks (25 days)**
Assessment **Remediation** **Enrichment**	**Big Idea** • Conservation of energy and energy transfer	**Big Ideas** • Physical Changes • Physical Changes of Water • Chemical Changes **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Planning and carrying out investigations • Engage in argument from evidence **Crosscutting Concepts** • Energy and Matter • Cause and Effect	**Assessment** **Remediation** **Enrichment**	**Big Idea** • Heating or cooling can change the properties of matter	**Big Ideas** • Electricity • Insulators and Conductors • Electromagnets • Magnets and Magnetic Field **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Plan and carry out an investigation • Asking questions • Developing and using models **Crosscutting Concepts** • Energy and Matter • Cause and Effect

Revised April 1, 2022

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Second Semester					
Buffer	**Pre-Unit 5 Review Buffer**	**Unit 5 Earth and Changes Over Time**	**Buffer**	**GMAS Review**	**5th Grade Review Show What You Know**
Priority Standards **S5P2b** **S5P3a**	**Prerequisite Standard** **S2E3**	**Priority Standard** **S5E1a** **Supporting Standards** **S5E1b S5E1c**	**Priority Standard** **S5E1a**	**Standards** **S5E1 S5P1** **S5P2 S5P3** **S5L1 S5L2** **S5L3 S5L4**	**Standards** **S5L3c S5L4a S5L4b** **S5L1a S5L1b S5L2b** **S5P1a S5P1c S5P2b** **S5P3a S5E1a**
3 days	**2 days**	**4 weeks (20 days)**	**2 days**	**1 week (7 days)**	**5.5 weeks (28 days)**
Assessment **Remediation** **Enrichment**	**Big Idea** • **Changes to the environment caused by weather, plants, animals and humans**	**Big Idea** • **Constructive and Destructive Processes** **Science and Engineering Practices** • **Obtaining, evaluating and communicating information** • **Developing and using models** • **Asking questions and defining problems** • **Engaging in argument from evidence** **Crosscutting Concepts** • **Structure and function** • **Cause and Effect** • **Systems and system models**	**Assessment** **Remediation** **Enrichment**		**See Corresponding Big Ideas Aligned to Priority Standards Above**

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