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**	**Buffer**	**Unit 1** **Earth and Changes Over Time**	**Buffer**	**Unit 2** **Dynamics of Classification**
Rituals and Routines Digital Citizenship	Unit 1: Pre-Assessment	**Standards** **S5E1**	Unit 1: Post-Assessment Unit 2: Pre-Assessment	**Standards** **S5L1** **S5L2**
1 week **(5 days)**	**1 day**	**7 weeks** **(35 days)**	**3 days**	**5 weeks** **(25 days)**
Core Ideas • **Proper** lab safety procedures • Introduction to Science and Engineering Fair • Process of the Scientific Method	Assessment	**Core Ideas** • Geologic Processes • Surface features • Formation and/or destruction of landforms **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Developing and using models • Asking questions and defining problems • Engage in argument from evidence **Crosscutting Concepts** • Systems and system models • Structure and Function • Cause and effect	Assessment Remediation/Enrichment Assessment	**Core Ideas** • Grouping animals and plants • External and internal structures • Inherited traits and Acquired traits **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Developing and using models • Asking questions and defining problems **Crosscutting Concepts** • Structure and Function • Stability and change • Patterns

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First Semester			Second Semester		
Buffer	**Unit 3A Cells and Microorganisms**	**Buffer**	**Unit 3B Cells and Microorganisms**	**Buffer**	**Unit 4 Energy Transfer Through Electricity and Magnetism**
Unit 2: Post-Assessment Unit 3A: Pre-Assessment	**Standards** **S5L4**	Unit 3A: Post-Assessment **3 days** Assessment Remediation Enrichment Unit 3B: Pre-Assessment	**Standards** **S5L3**	Unit 3B: Post-Assessment Unit 4: Pre-Assessment	**Standards** **S5P2** **S5P3**
3 days	**3 weeks (15 days)**	**1 day**	**4 weeks (20 days)**	**3 days**	**4 weeks (20 days)**
Assessment Remediation /Enrichment Assessment	**Core Ideas** • Harmful microorganisms • Beneficial microorganisms **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Constructing explanations • Developing and using models Engaging in argument from evidence **Crosscutting Concepts** • Systems and system models • Structure and function • Scale, proportion, and quantity	Assessment	**Core Ideas** • Technology tools to view cells • Identify and label parts of the Plant and animal cells • Difference in structures of animal and plant cells **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Constructing explanations • Developing and using models Engaging in argument from evidence **Crosscutting Concepts** • Systems and system models • Structure and function • Scale, proportion, and quantity	Assessment Remediation/ Enrichment Assessment	**Core Ideas** • Static electricity • Current electricity • Energy transfer • Simple electric circuit • Magnetic field and force • Insulators and conductors **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Plan and carry out an investigation • Engaging in argument from evidence **Crosscutting Concepts** • Energy and Matter • System and system models

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Second Semester				
Buffer	**Buffer**	**Unit 5** **Physical and Chemical Change**	**Buffer**	**GMAS Review**
Unit 4: Post-Assessment	Unit 5: Pre-Assessment	**Standards** **S5P1**	Unit 5: Post-Assessment	Standards S5E1, S5P1 S5P2, S5P3 S5L1, S5L2 S5L3, S5L4
2 day	**1 day**	**3 weeks** **(15 days)**	**3 days**	**2 weeks** **(10 days)**
Assessment Remediation/ Enrichment	Assessment	**Core Ideas** • Physical changes • Chemical changes • Phases/States of water are related to temperature changes • Energy transfer **Science and Engineering Practices** • Obtaining, evaluating and communicating information • Planning and carrying out investigations • Engaging in argument from evidence **Crosscutting Concepts** • Energy and matter • Cause and Effect	Assessment Remediation/ Enrichment	Remediation