

## K-2 Unit Integration Map YEAR A

| Dates                     | Aug                                                                                                                                | Sept | Oct                                                                        | Nov        | Dec                                              | Jan                                                                                         | Feb                                               | March                                                                                  | April                                                                   | May |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------|------------|--------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|
| <b>Theme</b>              | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |      | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems |            |                                                  | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |                                                   | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |                                                                         |     |
| <b>Unit</b>               | Nature Inspiration                                                                                                                 |      | Winter Animals Adaptations                                                 |            |                                                  | Fairytale and Folktales                                                                     |                                                   | Community Helpers                                                                      |                                                                         |     |
| <b>Essential Question</b> | How does nature inspire us in creative and scientific ways?                                                                        |      | How do animals adapt to challenges?                                        |            |                                                  | How do places shape the stories that people pass down through generations?                  |                                                   | Who helps our community thrive and how can we support them?                            |                                                                         |     |
| <b>Literacy Genre</b>     | K- phonics & rhyme<br>1 & 2- poetry                                                                                                |      | non fiction                                                                |            |                                                  | fairytale & folktales                                                                       |                                                   | personal narrative                                                                     |                                                                         |     |
| <b>Science</b>            | Weather, seasons, and climate;<br>Nature's patterns and cycles                                                                     |      | animal adaptations                                                         |            |                                                  | engineering and problem solving,<br>forces and motion                                       |                                                   | design thinking                                                                        |                                                                         |     |
| <b>Math K</b>             | counting and cardinality                                                                                                           |      | 2 and 3 dimensional shapes                                                 | comparison |                                                  | composition and decomposition                                                               | addition and subtraction                          |                                                                                        | place value foundations                                                 |     |
| <b>Math 1st</b>           | counting, comparison, and addition                                                                                                 |      | addition and subtraction relationships                                     |            | Properties of Operations to Make Easier Problems |                                                                                             | Comparison and Composition of Length Measurements | Place Value Concepts to Compare, Add, and Subtract                                     | Attributes of Shapes • Advancing Place Value, Addition, and Subtraction |     |
| <b>Math 2nd</b>           | Place Value Concepts Through Metric Measurement and Data • Place Value, Counting, and Comparing Within 1,000                       |      | Addition and Subtraction Within 200                                        |            | Shapes and Time with Fraction Concepts           |                                                                                             | Addition and Subtraction Within 1,000             | Money, Data, and Customary Measurement                                                 | Multiplication and Division Foundations                                 |     |

## K-2 Unit Integration Map YEAR B

| Dates                     | Aug                                                                                                           | Sept | Oct                                                                                         | Nov        | Dec                                              | Jan                                                                                                                                | Feb                                               | March                                              | April                                                                                  | May |
|---------------------------|---------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|-----|
| <b>Theme</b>              | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems                                    |      | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |            |                                                  | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |                                                   |                                                    | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |     |
| <b>Unit</b>               | Innovation for Exploration                                                                                    |      | Celebrations and Traditions                                                                 |            |                                                  | World Building For Authors                                                                                                         |                                                   |                                                    | Water Protectors                                                                       |     |
| <b>Essential Question</b> | How does exploring wild and unknown places help us create new tools and ideas?                                |      | Why do people celebrate, and how do celebrations bring communities together?                |            |                                                  | How do authors create an imaginary world to set their stories in?                                                                  |                                                   |                                                    | How can we share and protect our water resources?                                      |     |
| <b>Literacy Genre</b>     | non fiction                                                                                                   |      | procedural                                                                                  |            |                                                  | fantasy                                                                                                                            |                                                   |                                                    | poetry                                                                                 |     |
| <b>Science</b>            | design thinking/engineering<br><br>science around exploration of mountains, polar, deep sea, caves, and space |      | light & sound waves                                                                         |            |                                                  | Adaptations, food chains, food webs, habitats                                                                                      |                                                   |                                                    | water science                                                                          |     |
| <b>Math K</b>             | counting and cardinality                                                                                      |      | 2 and 3 dimensional shapes                                                                  | comparison |                                                  | composition and decomposition                                                                                                      | addition and subtraction                          |                                                    | place value foundations                                                                |     |
| <b>Math 1st</b>           | counting, comparison, and addition                                                                            |      | addition and subtraction relationships                                                      |            | Properties of Operations to Make Easier Problems |                                                                                                                                    | Comparison and Composition of Length Measurements | Place Value Concepts to Compare, Add, and Subtract | Attributes of Shapes • Advancing Place Value, Addition, and Subtraction                |     |
| <b>Math 2nd</b>           | Place Value Concepts Through Metric Measurement and Data • Place Value, Counting, and Comparing Within 1,000  |      | Addition and Subtraction Within 200                                                         |            | Shapes and Time with Fraction Concepts           |                                                                                                                                    | Addition and Subtraction Within 1,000             | Money, Data, and Customary Measurement             | Multiplication and Division Foundations                                                |     |

## K-2 Unit Integration Map YEAR C

| Dates                     | Aug                                                                                                                                | Sept | Oct                                                                                         | Nov        | Dec                                                                                                        | Jan                           | Feb                                                                                    | March                                              | April                                                                   | May |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------|-----|
| <b>Theme</b>              | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |      | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |            | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems                                 |                               | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |                                                    |                                                                         |     |
| <b>Unit</b>               | Mapping                                                                                                                            |      | Leaders                                                                                     |            | Voices of the Valley                                                                                       |                               | Plants                                                                                 |                                                    |                                                                         |     |
| <b>Essential Question</b> | How do people use maps to help them navigate their world?                                                                          |      | How do leaders shape the stories of people, places, and communities?                        |            | How can storytelling - through interviews, podcasts, or writing - help us better understand our community? |                               | How can we care for plants so they can grow and help our world?                        |                                                    |                                                                         |     |
| <b>Literacy Genre</b>     | Narrative Fiction                                                                                                                  |      | Informational                                                                               |            | Personal Narrative                                                                                         |                               | Poetry                                                                                 |                                                    |                                                                         |     |
| <b>Science</b>            | How Land and Water Shape Spaces                                                                                                    |      | Design Thinking to Solve Community Problems                                                 |            | Analyzing patterns in collected data                                                                       |                               | Plant Science                                                                          |                                                    |                                                                         |     |
| <b>Math K</b>             | counting and cardinality                                                                                                           |      | 2 and 3 dimensional shapes                                                                  | comparison |                                                                                                            | composition and decomposition | addition and subtraction                                                               |                                                    | place value foundations                                                 |     |
| <b>Math 1st</b>           | counting, comparison, and addition                                                                                                 |      | addition and subtraction relationships                                                      |            | Properties of Operations to Make Easier Problems                                                           |                               | Comparison and Composition of Length Measurements                                      | Place Value Concepts to Compare, Add, and Subtract | Attributes of Shapes • Advancing Place Value, Addition, and Subtraction |     |
| <b>Math 2nd</b>           | Place Value Concepts Through Metric Measurement and Data • Place Value, Counting, and Comparing Within 1,000                       |      | Addition and Subtraction Within 200                                                         |            | Shapes and Time with Fraction Concepts                                                                     |                               | Addition and Subtraction Within 1,000                                                  | Money, Data, and Customary Measurement             | Multiplication and Division Foundations                                 |     |

### 3-5 Unit Integration Map YEAR A

| Dates                     | Aug                                                                                                                                | Sept | Oct                                                                                         | Nov                                                            | Dec | Jan                                                                        | Feb                                              | March                                                                                  | April                                           | May |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|----------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|-----|
| <b>Theme</b>              | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |      | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |                                                                |     | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems |                                                  | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |                                                 |     |
| <b>Unit</b>               | Adventure Problem Solving                                                                                                          |      | Media                                                                                       |                                                                |     | Human Body                                                                 |                                                  | Public Lands                                                                           |                                                 |     |
| <b>Essential Question</b> | What can nature and the outdoors teach us about resilience and problem-solving?                                                    |      | How does the way we express ideas influence how others see them?                            |                                                                |     | How do our choices impact our body systems and how we feel?                |                                                  | Why do we have public lands, and how can we be responsible stewards?                   |                                                 |     |
| <b>Literacy Genre</b>     | Personal Narrative                                                                                                                 |      | Multi-perspective narrative writing for media (news, zines, videos, podcasts)               |                                                                |     | Informational                                                              |                                                  | Persuasive/Opinion                                                                     |                                                 |     |
| <b>Science</b>            | Forces & Engineering                                                                                                               |      | Systems & Design                                                                            |                                                                |     | Biology                                                                    |                                                  | Ecosystems & Impact                                                                    |                                                 |     |
| <b>Math 3</b>             | Multiplication and Division with Units of 2, 3, 4, 5, and 10                                                                       |      | Place Value Concepts Through Metric Measurement                                             | Multiplication and Division with Units of 0, 1, 6, 7, 8, and 9 |     | Multiplication and Area                                                    | Fractions as Numbers                             |                                                                                        | Geometry, Measurement, and Data                 |     |
| <b>Math 4</b>             | Place Value Concepts for Addition and Subtraction                                                                                  |      | Place Value Concepts for Multiplication and Division                                        | Multiplication and Division of Multi-Digit Numbers             |     | Foundations for Fraction Operations                                        | Place Value Concepts for Decimal Fractions       |                                                                                        | Angle Measurements and Plane Figures            |     |
| <b>Math 5</b>             | Place Value Concepts for Multiplication and Division with Whole Numbers                                                            |      | Addition and Subtraction with Fractions                                                     | Multiplication and Division with Fractions                     |     | Place Value Concepts for Decimal Operations                                | Addition and Multiplication with Area and Volume |                                                                                        | Foundations to Geometry in the Coordinate Plane |     |

### 3-5 Unit Integration Map YEAR B

| Dates                                                                                                                                                                              | Aug                                                                                                                                | Sept                                                 | Oct                                                                                         | Nov                                                            | Dec                                                                        | Jan                                         | Feb                                                                                    | March | April                                           | May |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------|-------|-------------------------------------------------|-----|
| <b>Theme</b><br><br><b>Unit</b><br><br><b>Essential Question</b><br><br><b>Literacy Genre</b><br><br><b>Science</b><br><br><b>Math 3</b><br><br><b>Math 4</b><br><br><b>Math 5</b> | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |                                                      | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |                                                                | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems |                                             | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |       |                                                 |     |
|                                                                                                                                                                                    | Stories of The West                                                                                                                |                                                      | Arts In Action                                                                              |                                                                | Invention Convention                                                       |                                             | 5 Rs: reduce, reuse, recycle, repair, and rot                                          |       |                                                 |     |
|                                                                                                                                                                                    | How do the stories that we tell, and the stories we choose not to tell, shape our understanding of the American West?              |                                                      | How can the arts be used to respond to change and inspire action?                           |                                                                | How does learning from failure lead to better solutions?                   |                                             | How do our daily choices impact the environment and the people around us?              |       |                                                 |     |
|                                                                                                                                                                                    | Historical Narrative<br>(with multiple perspectives)                                                                               |                                                      | Persuasive                                                                                  |                                                                | Writing scripts to pitch inventions<br>(shark tank style)                  |                                             | Informational<br>(with call to action)                                                 |       |                                                 |     |
|                                                                                                                                                                                    | Earth Processes, Geology                                                                                                           |                                                      | Energy, waves, sound, light                                                                 |                                                                | Energy & Innovation                                                        |                                             | Matter & Cycles                                                                        |       |                                                 |     |
|                                                                                                                                                                                    | Multiplication and Division with Units of 2, 3, 4, 5, and 10                                                                       |                                                      | Place Value Concepts Through Metric Measurement                                             | Multiplication and Division with Units of 0, 1, 6, 7, 8, and 9 |                                                                            | Multiplication and Area                     | Fractions as Numbers                                                                   |       | Geometry, Measurement, and Data                 |     |
|                                                                                                                                                                                    | Place Value Concepts for Addition and Subtraction                                                                                  | Place Value Concepts for Multiplication and Division |                                                                                             | Multiplication and Division of Multi-Digit Numbers             |                                                                            | Foundations for Fraction Operations         | Place Value Concepts for Decimal Fractions                                             |       | Angle Measurements and Plane Figures            |     |
|                                                                                                                                                                                    | Place Value Concepts for Multiplication and Division with Whole Numbers                                                            | Addition and Subtraction with Fractions              |                                                                                             | Multiplication and Division with Fractions                     |                                                                            | Place Value Concepts for Decimal Operations | Addition and Multiplication with Area and Volume                                       |       | Foundations to Geometry in the Coordinate Plane |     |

### 3-5 Unit Integration Map YEAR C

| Dates                     | Aug                                                                                                                                | Sept | Oct                                                                                         | Nov                                                            | Dec                                                                        | Jan                     | Feb                                                                                    | March                                            | April                           | May                                             |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------|-------------------------------------------------|
| <b>Theme</b>              | <b>Creativity and Expression</b><br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i> |      | <b>Human Stories</b><br>Where we are in time and place. Our cultures, history, and identity |                                                                | <b>Innovation &amp; Discovery</b><br>How people and animals solve problems |                         | <b>Our Shared World</b><br>Community, responsibility, stewardship. (based on the SDGs) |                                                  |                                 |                                                 |
| <b>Unit</b>               | <b>Myths</b>                                                                                                                       |      | <b>Government</b>                                                                           |                                                                | <b>Migration &amp; Community</b>                                           |                         | <b>Food For The Future</b>                                                             |                                                  |                                 |                                                 |
| <b>Essential Question</b> | Why do people create myths to explain the natural world?                                                                           |      | How do governments protect or limit human rights?                                           |                                                                | How has immigration has shaped communities over time?                      |                         | How does where our food comes from impact people and the planet?                       |                                                  |                                 |                                                 |
| <b>Literacy Genre</b>     | Narrative Fiction (Myth Writing)                                                                                                   |      | Persuasive/Opinion                                                                          |                                                                | Historical Narrative                                                       |                         | Informational                                                                          |                                                  |                                 |                                                 |
| <b>Science</b>            | Forces in Nature                                                                                                                   |      | Natural Hazards and Solutions                                                               |                                                                | Climate and Patterns                                                       |                         | Energy Systems, sustainability                                                         |                                                  |                                 |                                                 |
| <b>Math 3</b>             | Multiplication and Division with Units of 2, 3, 4, 5, and 10                                                                       |      | Place Value Concepts Through Metric Measurement                                             | Multiplication and Division with Units of 0, 1, 6, 7, 8, and 9 |                                                                            | Multiplication and Area | Fractions as Numbers                                                                   |                                                  | Geometry, Measurement, and Data |                                                 |
| <b>Math 4</b>             | Place Value Concepts for Addition and Subtraction                                                                                  |      | Place Value Concepts for Multiplication and Division                                        |                                                                | Multiplication and Division of Multi-Digit Numbers                         |                         | Foundations for Fraction Operations                                                    | Place Value Concepts for Decimal Fractions       |                                 | Angle Measurements and Plane Figures            |
| <b>Math 5</b>             | Place Value Concepts for Multiplication and Division with Whole Numbers                                                            |      | Addition and Subtraction with Fractions                                                     |                                                                | Multiplication and Division with Fractions                                 |                         | Place Value Concepts for Decimal Operations                                            | Addition and Multiplication with Area and Volume |                                 | Foundations to Geometry in the Coordinate Plane |

# Middle School Integration Map YEAR A

## Transformation: What Causes Lasting Change?

| Dates                         | Aug                                                                                                                                                                                           | Sept | Oct | Nov                                                                                                                                                                                                                   | Dec | Jan                                                                                                                                                                     | Feb | March | April                                                                                                                                                                                           | May |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Theme                         | Innovation & Discovery<br>How people and animals solve problems                                                                                                                               |      |     | Human Stories<br>Where we are in time and place. Our cultures, history, and identity                                                                                                                                  |     | Creativity and Expression<br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i>                                             |     |       | Our Shared World<br>Community, responsibility, stewardship. (based on the SDGs)                                                                                                                 |     |
| Unit                          | Beyond The Horizon                                                                                                                                                                            |      |     | Turning Points                                                                                                                                                                                                        |     | Voice                                                                                                                                                                   |     |       | Shared Waters                                                                                                                                                                                   |     |
| Essential Question            | What drives humans to explore the unknown?                                                                                                                                                    |      |     | Is progress possible without conflict?                                                                                                                                                                                |     | When does a voice become powerful enough to change history?                                                                                                             |     |       | Who owns water?                                                                                                                                                                                 |     |
| Humanities/<br>Social Studies | Exploration • Navigation • Encounter • Colonization • Space Exploration                                                                                                                       |      |     | American Revolution • Constitution • Civil War • Reconstruction • Westward Expansion                                                                                                                                  |     | Abolition • Suffrage • Labor • Civil Rights • Youth Activism                                                                                                            |     |       | Water Rights • Settlement • Scarcity • Public Policy • Shared Resources                                                                                                                         |     |
| Writing Genre                 | Creative Exploration Narrative                                                                                                                                                                |      |     | Historical Argument                                                                                                                                                                                                   |     | Spoken Word poetry                                                                                                                                                      |     |       | Position / Policy Writing                                                                                                                                                                       |     |
| Anchor Text                   | The Explorer                                                                                                                                                                                  |      |     | Chains                                                                                                                                                                                                                |     | The Poet X                                                                                                                                                              |     |       | A Long Walk To Water                                                                                                                                                                            |     |
| Science                       | Physical Science & Earth/Space Systems                                                                                                                                                        |      |     |                                                                                                                                                                                                                       |     |                                                                                                                                                                         |     |       |                                                                                                                                                                                                 |     |
|                               | Space Systems<br>How can we use patterns and forces to predict what happens in space?<br><br>Earth–Sun–Moon Systems • Seasons • Gravity • Solar System • Scale • Patterns • Space Exploration |      |     | Forces, Motion, & Energy<br><i>*not integrated*</i><br>How can understanding forces and motion help us design for safety?<br><br>Forces • Motion • Newton's Laws • Mass • Collisions • Potential Energy • Engineering |     | Waves, Sound, Light, & Communication<br>How can we manipulate waves to make communication more powerful?<br><br>Light • Sound • Waves • Energy Transfer • Communication |     |       | Water, Weather, & Climate Systems<br>How can better understanding Earth's systems help us make better decisions about water?<br><br>Weather • Climate • Water Cycle • Snowpack • Climate Change |     |

## Middle School Integration Map YEAR B

Interconnection: How are we connected in our modern world?

| Dates              | Aug                                                                                                                                                                                     | Sept | Oct                                                                                                                                                                                                                 | Nov | Dec | Jan                                                                                                                                                                                                                                             | Feb | March                                                                                                                                                                                                                    | April | May |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|
| Theme              | Human Stories<br>Where we are in time and place. Our cultures, history, and identity                                                                                                    |      | Our Shared World<br>Community, responsibility, stewardship. (based on the SDGs)                                                                                                                                     |     |     | Creativity and Expression<br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i>                                                                                                                     |     | Innovation & Discovery<br>How people and animals solve problems                                                                                                                                                          |       |     |
| Unit               | Belonging                                                                                                                                                                               |      | The Exchange                                                                                                                                                                                                        |     |     | Stories & Power                                                                                                                                                                                                                                 |     | Human 2.0                                                                                                                                                                                                                |       |     |
| Essential Question | Who deserves to belong?                                                                                                                                                                 |      | What do we owe the people and places we are connected to?                                                                                                                                                           |     |     | How can stories shape what a society believes?                                                                                                                                                                                                  |     | Does technology make us more human or less?                                                                                                                                                                              |       |     |
| Social Studies     | Indigenous-Colonizer Relationships • Indigenous Displacement • Migration & Immigration • Refugees • Citizenship & Belonging • Tribal Sovereignty                                        |      | Silk Road & Early Global Exchange • Columbian Exchange • Global Trade • Globalization • Modern Supply Chains                                                                                                        |     |     | Salem Witch Trials • Nazi Propaganda • WWII & the Holocaust • Resistance • Testimony & Remembrance                                                                                                                                              |     | Scientific Revolution • Industrial Revolution & Mechanization • Medical & Biotechnological Innovation • Digital Revolution • Automation & AI                                                                             |       |     |
| Writing Genre      | Autobiography and Biography                                                                                                                                                             |      | Investigative Journalism                                                                                                                                                                                            |     |     | Poetry/Creative expression                                                                                                                                                                                                                      |     | Speculative / Dystopian Science Fiction                                                                                                                                                                                  |       |     |
| Anchor Text        | Apple In The Middle                                                                                                                                                                     |      |                                                                                                                                                                                                                     |     |     |                                                                                                                                                                                                                                                 |     |                                                                                                                                                                                                                          |       |     |
| Science            | Life Science                                                                                                                                                                            |      |                                                                                                                                                                                                                     |     |     |                                                                                                                                                                                                                                                 |     |                                                                                                                                                                                                                          |       |     |
|                    | Ecology:<br>Where do we belong within our ecosystem?<br><br>Ecosystems • Biotic & Abiotic Factors • Populations & Communities • Food Webs • Energy & Matter • Biodiversity • Adaptation |      | Adaptation & Changes Over Time:<br>How do organisms and environments shape one another over time?<br><br>Adaptation • Natural Selection • Genetic Variation • Heredity • Populations • Extinction • Human Influence |     |     | Cells and Genetics:<br><i>*not integrated*</i><br>How do the things we can't see shape the living things we can?<br><br>Cells • Cell Structure & Function • Cell Reproduction • DNA & Genes • Heredity • Cellular Processes<br>Cells & Genetics |     | Human Body Systems:<br>What are the limits of the human body and how can we extend them?<br><br>Body Systems • Nervous System • Musculoskeletal System • Homeostasis • Human Performance • Medical & Adaptive Technology |       |     |

# Middle School Integration Map YEAR C

Systems: How do systems shape the lives we live?

| Dates                         | Aug                                                                                                                                                                                        | Sept | Oct | Nov                                                                                                                                                               | Dec | Jan                                                                                                                                                                                                          | Feb | March | April                                                                                                                                                                     | May |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Theme                         | Innovation & Discovery<br>How people and animals solve problems                                                                                                                            |      |     | Human Stories<br>Where we are in time and place. Our cultures, history, and identity                                                                              |     | Creativity and Expression<br><i>Creative thinking, artistic expression, music, movement, and the power of storytelling.</i>                                                                                  |     |       | Our Shared World<br>Community, responsibility, stewardship. (based on the SDGs)                                                                                           |     |
| Unit                          | Rise & Fall of Civilizations                                                                                                                                                               |      |     | Home                                                                                                                                                              |     | World Religions                                                                                                                                                                                              |     |       | Wild by Design                                                                                                                                                            |     |
| Essential Question            | Why do civilizations succeed and fail?                                                                                                                                                     |      |     | Who gets to call a place home?                                                                                                                                    |     | How do beliefs shape the way people understand the world?                                                                                                                                                    |     |       | When should humans change nature?                                                                                                                                         |     |
| Humanities/<br>Social Studies | Ancient Civilizations • Government • Trade • Resources • Social Systems                                                                                                                    |      |     | Urbanization • Redlining • Housing Affordability • Housing Insecurity • Land Use                                                                                  |     | Hinduism • Buddhism • Judaism • Christianity • Islam • Indigenous Traditions                                                                                                                                 |     |       | Agricultural Revolution • Engineering • Innovation • Human–Environment Relationships                                                                                      |     |
| Writing Genre                 | Historical Narrative                                                                                                                                                                       |      |     | Position / Policy Writing                                                                                                                                         |     | Poetry                                                                                                                                                                                                       |     |       | Design Fiction                                                                                                                                                            |     |
| Anchor Text                   | The Golden Goblet                                                                                                                                                                          |      |     | How to Steal a Dog                                                                                                                                                |     | Sacred Stories & World Literature Text Set                                                                                                                                                                   |     |       | The Boy Who Harnessed the Wind                                                                                                                                            |     |
| Science                       | Earth Science and Chemistry                                                                                                                                                                |      |     |                                                                                                                                                                   |     |                                                                                                                                                                                                              |     |       |                                                                                                                                                                           |     |
|                               | Earth Systems and Geologic History<br>How can changes in earth's systems reshape life and civilizations?<br><br>Earth's Layers • Plate Tectonics • Geologic History • Weathering & Erosion |      |     | Rocks and Earth Materials<br>How does the earth beneath us shape the places we call home?<br><br>Rock Cycle • Rock Types • Earth Materials • Weathering & Erosion |     | Matter and Atomic Structure<br><i>*not integrated*</i><br>How can we explain the behavior of matter using things we cannot see?<br><br>States of Matter • Phase Changes • Atoms • Molecules • Periodic Table |     |       | Properties and Reactions<br>When and how should humans change natural systems?<br><br>Properties of Matter • Density • Chemical Reactions • Thermal Energy • Biochemistry |     |