**A Year of Work in Grade 5: 2016-2017**

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| **Week** | **Unit of Inquiry** | **Learner Profile & Attitudes** | **Approaches to Learning** | **Language Arts** | | | **Mathematics** | |
| ***Reading and Writing Within the unit*** | ***Writer’s Workshop***  ***Outside the unit*** | ***Reader’s Workshop***  ***Outside the unit*** | ***Within the unit*** | ***Outside the unit*** |
| 1 | **Sharing the Planet**  **Central Idea:**  Biotic and abiotic environmental factors affect each other.  **An Inquiry into:**   * biodiversity * Changes in the environment * biotic and abiotic interactions   **Key Concepts:**  Connection, Causation, Reflection  **Related concepts:**  Structure and Function, Systems, Cause and Effect | **Caring, Reflective** | **Thinking Skills:**  Acquisition of knowledge, Application  **Research Skills:**  Observation, Recording data  **Social Skills:**  Group decision making, Cooperating  **Communication Skills:**  Listening, Speaking | **List from *the Common Core Standards*** | **WUoS**  **Grade 5: Unit 1 *Narrative*** | **RUoS**  **Grade 5: Unit 1 *Interpretation Book Club***  **Or**  **RUoS**  **Grade 3: Unit 3 *Interpretation Book Club*** | **List from *the Common Core Standards*** | **Unit 1: Expressions, Equations, Volume**  **Unit 2: Adding and Subtracting Fractions** |
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| 7 | **Where We Are in Place and Time**  **Central Idea:**  Human beings seek to explore the unknown for a variety of reasons.  **An Inquiry into:**   * motivation and necessity of exploration * benefits and burdens of exploration * planning successes and failures   **Key Concepts:**  Perspective, Causation, Change  **Related concepts:**  Territory, Boundary, Movement | **Knowledgeable, Risk-taker** | **Research Skills:**  Formulate questions  **Thinking Skills:**  Analysis, Synthesis |  | **WUoS**  **Grade 5: Unit 2 *Lens of History*** | **RUoS**  **Grade 5: Unit 2 *Tackling Complexity*** |  |
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| 10 | **Unit 3: Place Value and Decimals** |
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| 13 | **Who We Are**  **Central Idea:**  People strive to change situations and circumstances.  **An Inquiry into:**   * causes of revolution * factors and consequences * views of conflict   **Key Concepts:**  Change, Perspective, Causation  **Related concepts:**  Politics, Political action, Power | **Communicator, Open-minded** | **Thinking Skills:**  Acquisition of knowledge, Comprehension, Analysis, Application, Synthesis, Evaluation  **Communication Skills:**  Reading, Writing, Speaking |  | **WUoS**  **Grade 4: Unit 3 *Bringing History to Life*** | **RUoS**  **Grade 4: Unit 3 *Reading History*** |  |  |
| 14 |  |
| 15 | **Unit 4: Multiplying and Dividing Whole Numbers and Decimals** |
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| 19 | **How We Express Ourselves**  **Central Idea:**  Ideas, feelings, beliefs, and values are expressed when people align themselves with issues, movements, and causes.  **An Inquiry into:**   * action   **The Exhibition** | **Assessment of All** | **Assessment of All** |  | **WUoS**  **Grade 5: Unit 3 *Research Based Argument Essay*** | **RUoS**  **Grade 5: Unit 3 *Argument and Advocacy*** | |  |  |
| 20 |  | |  |  |  |
| 21 | **Unit 5: Multiplying and Dividing Fractions** |
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| 25 | **How the World Works**  **Central Idea:**  Humans use energy and technology to solve problems.  **An Inquiry into:**   * transferring energy * adapting energy * use of machines   **Key Concepts:**  Causation, Function, Change  **Related concepts:**  System Models, Engineering, Technology, Citizenship | **Inquirer, Balanced** | **Thinking Skills:**  Analysis, Synthesis  **Communication Skills:**  Viewing, Non-verbal  **Self-management Skills:**  Spatial awareness, Organization  **Social Skills:**  Adopt a variety of roles | Science Writing |  | | **RUoS**  **Grade 5: *Take Your***  ***Cues from Texts: Reading in the***  ***Content Areas*** | . | **Unit 6: Graphing Geometry and Volume** |
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| 31 | **How We Organize Ourselves**  **Central Idea:**  Governments use structures to function.  **An Inquiry into:**   * forms of government * purpose of structures * citizenship   **Key Concepts:**  Form, responsibility, perspective,  **Related concepts:**  Governmental systems, Regulation, Citizenship | **Thinker, Principled** | **Thinking Skills:**  Dialectical thought  **Self-management Skills:** Codes of behavior  **Research Skills:**  Collect data, Interpret data |  | **WUoS**  **Grade 5: If, Then *Fantasy***  **Or**  **Fantasy**  **If… Then…** | **RUoS**  **Grade 5: Unit 4 *Fantasy Book Clubs*** |  | **Unit 7: Division and Decimals** |
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