**2020-2021 Fourth Grade STEM Pacing Guide**

**Color Key:**

Orange: important info

Green: 4th On-Level Math (4th)

Red: Advance Math (4.5)

Purple: Accelerated Math (5th)

Blue- Social Studies

Pink: Science

Priority standards are highlighted

**August 2020**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday | Standards |
| 3  **Pre-planning** | 4 | 5 | 6 | 7 |  |
| 10 | 11 | 12 | 13 | 14 |  |
| 17  **First day of school!** | 18  Unit 1: Whole Numbers, Place Value & Rounding  Unit 5: Fractions and Decimals  Unit 1: Order of Operations & Whole Numbers  Unit 1: The American Revolution | 19  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 20  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 21  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | On-level math:  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math:  MGSE4.NF.5, MGSE4.NF.6, MGSE4.NF.7  MGSE4.MD.2  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  SS: The American Revolution  SS4H1 a, b, c, d  SS4G1 b  SS4G2 b  SS4CG1 a  SS4E1 b, c |
| 24  Unit 1: Whole Numbers, Place Value & Rounding  Unit 5: Fractions and Decimals  Unit 1: Order of Operations & Whole Numbers  Unit 1: The American Revolution | 25  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 26  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 27  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 28  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | On-level math:  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math:  MGSE4.NF.5, MGSE4.NF.6, MGSE4.NF.7  MGSE4.MD.2  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  SS: The American Revolution  SS4H1 a, b, c, d; SS4G1 b; SS4G2 b  SS4CG1 a; SS4E1 b, c |

**September 2020**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday | Standards |
| 31  Unit 1: Whole Numbers, Place Value & Rounding  Unit 5: Fractions and Decimals  Unit 1: Order of Operations & Whole Numbers  Unit 1: The American Revolution | 1  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 2  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 3  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 4  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | On-level math:  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math:  MGSE4.NF.5, MGSE4.NF.6, MGSE4.NF.7  MGSE4.MD.2  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  SS: The American Revolution  SS4H1 a, b, c, d  SS4G1 b  SS4G2 b  SS4CG1 a  SS4E1 b, c |
| 7  Labor Day  Unit 1: Whole Numbers, Place Value & Rounding  Unit 5: Fractions and Decimals  **(Assessment)**  Unit 1: Order of Operations & Whole Numbers  Unit 1: The American Revolution – (**Assessment)** | 8  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 9  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 10  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | 11  Unit 1  Unit 5  Unit 1  Unit 1: American Revolution | On-level math:  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math: **TEST**  MGSE4.NF.5, MGSE4.NF.6, MGSE4.NF.7  MGSE4.MD.2  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  SS: The American Revolution - **TEST**  SS4H1 a, b, c, d  SS4G1 b  SS4G2 b  SS4CG1 a  SS4E1 b, c |
| 14  Unit 1: Whole Numbers, Place Value & Rounding  Unit 6: Geometry  Unit 1: Order of Operations & Whole Numbers  Unit 1: Water & Weather | 15    Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 16  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 17  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 18  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | On-level math:  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math:  MGSE4.G.1, MGSE4.G.2, MGSE4.G.3  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  S: Unit 1 Water & Weather  S4E3, b,S4E4.a, b, c, d |
| 21  Late Start?  Unit 1: Whole Numbers, Place Value & Rounding  **(Assessment)**  Unit 6: Geometry  Unit 1: Order of Operations & Whole Numbers  Unit 1: Water & Weather | 22  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 23  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 24  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | 25  Unit 1  Unit 6  Unit 1  Unit 1: Water & Weather | On-level math **TEST**  MGSE4.NBT.1, MGSE4.NBT.2, MGSE4.NBT.3, MGSE4.NBT.4, MGSE4.OA.3  MGSE4.MD.2  Advanced Math:  MGSE4.G., MGSE4.G.2, MGSE4.G.3  Accelerated Math:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  S: Unit 1 Water & Weather  S4E3, b,  S4E4.a, b, c, d |
| 28  Unit 2: Multiplication & Division of Whole Numbers  Unit 6: Geometry  **(Assessment)**  Unit 1: Order of Operations & Whole Numbers  **(Assessment)**  Unit 1: Water & Weather | 29  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 30  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 1  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 2  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | On-level math:  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math: **TEST**  MGSE4.G., MGSE4.G.2, MGSE4.G.3  Accelerated Math: **TEST**  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  S: Unit 1 Water & Weather  S4E3, b,  S4E4.a, b, c, d |

**October 2020**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday | Standards |
| 28  Unit 2: Multiplication & Division of Whole Numbers  Unit 6: Geometry  **(Assessment)**  Unit 1: Order of Operations & Whole Numbers  **(Assessment)**  Unit 1: Water & Weather | 29  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 30  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 1  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | 2  Unit 2  Unit 6  Unit 1  Unit 1: Water & Weather | On-level math  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math: **TEST**  MGSE4.G., MGSE4.G.2, MGSE4.G.3  Accelerated Math: **TEST**  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  S: Unit 1 Water & Weather  S4E3, b,  S4E4.a, b, c, d |
| 5  Unit 2: Multiplication & Division of Whole Numbers  Unit 7: Measurement  Unit 2: Adding & Subtracting with Decimals  Unit 1: Water & Weather | 6  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather | 7  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather | 8  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather | 9  Teacher Workday!  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather | On-level math **TEST**  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math:  MGSE4.MD.1, MGSE4.MD.2, MGSE4,MD.3, MGSE4.MD.4, MGSE4.MD.5, MGSE4.MD.6, MGSE4.MD.7, MGSE4.MD.8  Accelerated Math:  MGSE5.NBT.1, MGSE5.NBT3, MGSE5.NBT4, MGSE5.NBT7  S: Unit 1 Water & Weather  S4E3, b,  S4E4.a, b, c, d |
| 12  No School!  Unit 2: Multiplication & Division of Whole Numbers  Unit 7: Measurement  Unit 2: Adding & Subtracting with Decimals  Unit 1: Water & Weather  **(Assessment)**  Unit 2: New Nation | 13  Teacher Workday!  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather  Unit 2: New Nation | 14    Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather  Unit 2: New Nation | 15  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather  Unit 2: New Nation | 16  Unit 2  Unit 7  Unit 2  Unit 1: Water & Weather  Unit 2: New Nation | On-level math  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math:  MGSE4.MD.1, MGSE4.MD.2, MGSE4,MD.3, MGSE4.MD.4, MGSE4.MD.5, MGSE4.MD.6, MGSE4.MD.7, MGSE4.MD.8  Accelerated Math:  MGSE5.NBT.1, MGSE5.NBT3, MGSE5.NBT4, MGSE5.NBT7  S: Unit 1 Water & Weather  S4E3, b,  S4E4.a, b, c, d  Unit 2: New Nation  H2a,b; CG1a-d;CG2,CG3a, CG3b; E1e |
| 19  Unit 2: Multiplication & Division of Whole Numbers  Unit 7: Measurement  Unit 2: Adding & Subtracting with Decimals  Unit 2: New Nation | 20  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 21  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 22  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 23  Unit 2  Unit 7  Unit 2:  Unit 2: New Nation | On-level math  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math:  MGSE4.MD.1, MGSE4.MD.2, MGSE4,MD.3, MGSE4.MD.4, MGSE4.MD.5, MGSE4.MD.6, MGSE4.MD.7, MGSE4.MD.8  Accelerated Math:  MGSE5.NBT.1, MGSE5.NBT3, MGSE5.NBT4, MGSE5.NBT7  Unit 2: New Nation  H2a,b; CG1a-d;CG2,CG3a, CG3b; E1e |
| 26  Late Start?  Unit 2: Multiplication & Division of Whole Numbers  Unit 7: Measurement  **(Assessment)**  Unit 2: Adding & Subtracting with Decimals  Unit 2: New Nation  **(Assessment)** | 27  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 28  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 29  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | 30  Unit 2  Unit 7  Unit 2  Unit 2: New Nation | On-level math  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math:  MGSE4.MD.1, MGSE4.MD.2, MGSE4,MD.3, MGSE4.MD.4, MGSE4.MD.5, MGSE4.MD.6, MGSE4.MD.7, MGSE4.MD.8  Accelerated Math:  MGSE5.NBT.1, MGSE5.NBT3, MGSE5.NBT4, MGSE5.NBT7  Unit 2: New Nation: **TEST**  H2a,b; CG1a-d;CG2,CG3a, CG3b; E1e |

**November 2020**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday | Standards |
| 2  Unit 2: Multiplication & Division of Whole Numbers  **(Assessment)**  Unit 8: Review  Unit 2: Adding & Subtracting with Decimals  **(Assessment)**  Unit 2: Solar System | 3  No school!  Unit 2  Unit 8  Unit 2  Unit 2: Solar System | 4  Unit 2  Unit 8  Unit 2  Unit 2: Solar System | 5  Unit 2  Unit 8  Unit 2  Unit 2: Solar System | 6  Unit 2  Unit 8  Unit 2  Unit 2: Solar System | On-level math **TEST**  MGSE4.OA.1; MGSE4.OA.2; MGSE4.OA.3; MGSE4.OA.4; MGSE4.OA.5; MGSE4.NBT.5; MGSE4.NBT.6; MGSE4.MD.2; MGSE4.MD.8  Advanced Math:  Accelerated Math: **TEST**  MGSE5.NBT.1, MGSE5.NBT3, MGSE5.NBT4, MGSE5.NBT7  Unit 2: Solar System  S4E1A, B, C; S4E2A, B, C |
| 9  Unit 3: Fraction Equivalents  Unit 1 5th Grade  Order of Operations & Whole Numbers  Unit 3: Multiplying and Dividing with Decimals  Unit 2: Solar System | 10  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 11  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 12  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 13  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | On-level math:  MGSE4.NF.1; MGSE4.NF.2; MGSE4.MD.2  Advanced:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  Accelerated:  MGSE5.NBT2; MGSE5.NBT.7  Unit 2 Solar System:  S4E1A, B, C; S4E2A, B, C |
| 16  Late Start?  Unit 3: Fraction Equivalents  Unit 1: Order of Operations & Whole Numbers  Unit 3: Multiplying and Dividing with Decimals  Unit 2: Solar System | 17    Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 18  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 19  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 20  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | On-level math:  MGSE4.NF.1; MGSE4.NF.2; MGSE4.MD.2  Advanced:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  Accelerated:  MGSE5.NBT2; MGSE5.NBT.7  Unit 2 Solar System:  S4E1A, B, C; S4E2A, B, C |
| 23 – 29  Thanksgiving Break! | | | | |  |

**December 2020**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday | Standards |
| 30  Bookfair? ->  Unit 3: Fraction Equivalents  **(Assessment)**  Unit 1: Order of Operations & Whole Numbers  Unit 3: Multiplying and Dividing with Decimals  Unit 2: Solar System **(Assessment)** | 1  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 2  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 3  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | 4  Unit 3  Unit 1  Unit 3  Unit 2: Solar System | On-level math: **TEST**  MGSE4.NF.1; MGSE4.NF.2; MGSE4.MD.2  Advanced:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  Accelerated:  MGSE5.NBT2; MGSE5.NBT.7  Unit 2 Solar System: **TEST**  S4E1A, B, C; S4E2A, B, C |
| 7  Late Start?  Unit 4, Part A:  Adding & Subtracting Fractions  Unit 1: Order of Operations & Whole Numbers  Unit 3: Multiplying and Dividing with Decimals  Unit 3: Westward Expansion | 8  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 9  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 10  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 11  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | On-level math:  MGSE4.NF.3; MGSE4.NF.4; NGSE4.MD.2  Advanced:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  Accelerated:  MGSE5.NBT2; MGSE5.NBT.7  Unit 3: Westward Expansion:  H3A; H3B, C; H4A; G1A, B; G2B; E1A; E1D; E1F |
| 14  Unit 4, Part A:  Adding & Subtracting Fractions  **(Assessment)**  Unit 1: Order of Operations & Whole Numbers  Unit 3: Multiplying and Dividing with Decimals  **(Assessment)**  Unit 3: Westward Expansion | 15    Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 16  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 17  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | 18  Unit 4, Part A  Unit 1  Unit 3  Unit 3: Westward Expansion | On-level math: **TEST**  MGSE4.NF.3; MGSE4.NF.4; NGSE4.MD.2  Advanced:  MGSE.5.OA.1, MGSE5.OA.2, MGSE.5.NBT.1, MGSE5.NBT.2, MGSE5.NBT.5, MGSE5.NBT.6  Accelerated: **TEST**  MGSE5.NBT2; MGSE5.NBT.7 |

|  |
| --- |
| December 21st – January 4th  Winter Break! |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 21  Winter Break! -> | 22 | 23 | 24 | 25 |  |
| 28  Winter Break! -> | 29 | 30 | 31 |  |  |

**January 2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  |  | 1 |
| 4  Teacher Workday! | 5 | 6 | 7 | 8 |
| 11 | 12 | 13 | 14 | 15 |
| 18  No School! | 19 | 20 | 21 | 22 |
| 25  Late Start? | 26 | 27 | 28 | 29 |

**February 2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 1 | 2 | 3 | 4 | 5 |
| 8 | 9 | 10 | 11 | 12  Professional Development! |
| 15  No school! | 16 | 17 | 18 | 19 |
| 22  Late Start? | 23 | 24 | 25 | 26 |
|  |  |  |  |  |

**March 2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 1 | 2 | 3 | 4 | 5 |
| 8 | 9 | 10 | 11 | 12 |
| 15  Professional Development | 16 | 17 | 18 | 19 |
| 22 | 23 | 24 | 25 | 26 |
| 29 | 30 | 31 |  |  |

**April 2021 (Milestones test prep or Unit 5?)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  | 1 | 2 |
| 5  Spring Break! -> | 6 | 7 | 8 | 9 |
| 12  Roots (tele) | 13 | 14 | 15 | 16 |
| 19  Root (port) | 20 | 21 | 22 | 23 |
| 26  Root (spect) | 27 | 28 | 29 | 30 |

**May 2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 3  Root (aud) | 4 | 5 | 6 | 7 |
| 10  Root (dic) | 11 | 12 | 13 | 14 |
| 17 | 18 | 19 | 20 | 21 |
| 24 | 25  Summer! | 26 | 27 | 28 |
| 31 |  |  |  |  |