**5th Grade Math Scope and Sequence**

**2021-2022**

**Pre-Assessment:** [**Addition**](https://docs.google.com/document/d/1-WJhuUhvZvMixI4oTeTP4Kqli0moJzo4LBlWr3CxFuc/edit?usp=sharing) & [**Subtraction**](https://docs.google.com/document/d/1u_XzsZIZ038sY1D_-ckeccTJYWd1GCZPqhXqg0JZrnc/edit?usp=sharing)

**Post-Assessment:** [**Addition & Subtraction**](https://docs.google.com/document/d/1AZRFC0nLqW5sm3YmvtYyyL3lHJdVq9rXDws5pwFizvU/edit?usp=sharing)

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| Standard | Description | duration | Dates |
| [5.NBT.B5](https://docs.google.com/document/d/1uYfcW1mPtMrXwqIXOi6bX_hFVBuprThaWU0bejpRae0/edit?usp=sharing)  Multiplying w/ Standard Algorithm  [Pre-Assessment](https://docs.google.com/document/d/1DeKWy7kvZPfAIIiWYmXdS7n22-yYZFPau1VdxgiOxGg/edit?usp=sharing) | Fluently multiply multi-digit whole numbers using the standard algorithm. | 3 weeks | September 27th to October 15th |
| [5.NBT.B6](https://docs.google.com/document/d/1dxkuWR3WVEliTpTCfAjyhIKYbEH7eDBzLe040N3x8Gk/edit?usp=sharing)  Dividing Whole Numbers  [Pre-Assessment](https://drive.google.com/drive/folders/1Ga3kfJtZtMYUYPihRkVfvN4mMfXkXeQN?usp=sharing) | Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. | 3 weeks | October 19th to November 5th |
| [5.OA.A2](https://docs.google.com/document/d/1g5sAmAXL-NfMvixmPRWXdI_wAaZc7n4_Gh-_xQCB18w/edit?usp=sharing)  Evaluating Expressions | Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation “add 8 and 7, then multiply by 2” as 2 × (8 + 7). Recognize that 3 × (18932 + 921) is three times as large as 18932 + 921, without having to calculate the indicated sum or product. | 2 weeks | November 8th - 19th |
| [5.MD.C.5b](https://docs.google.com/document/d/1wtV5iUkOdhg5IATFYaU00kPB4vmbCSDPq8dGxPVnOg4/edit?usp=sharing)  Volume | Apply the formulas V = l × w × h and V = b × h for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems. | 3 weeks | November 29th to December 17th |
| [5.G.A.1](https://docs.google.com/document/d/19G3WEwNrlwk4IV6WPqWAowNPvU4EKtRQbmTytqrdGpQ/edit?usp=sharing)  Graphing x & Y Axis |  | 2 weeks | February 14th to February 25th |
| [5.NF.A2](https://docs.google.com/document/d/1zRJvsP3orloF_7RLarOqjQHPP9Sp8fT0b3Ei2SlL6pc/edit?usp=sharing)  Solving word Problems-Adding Subtracting with Fractions and Mixed numbers | Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result 2/5 + 1/2 = 3/7, by observing that 3/7 < 1/2. | 2 weeks | January 4th to January 19th |
| [5.NF.B6](https://docs.google.com/document/d/1xRRWHrJNprFVWsVji52C0qPaLvFr6fSxmBlLzSDkXVo/edit?usp=sharing)  Solving Word Problems-Multiplying Fractions and Mixed Numbers | Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem. | 1 ½ weeks | January 20th to January 28th |
| [5.NF.B7a](https://docs.google.com/document/d/1onDxT9ektFn_0yVAIUs6ftN2pKpjaeeQ9_UCxp683Ho/edit?usp=sharing)  Dividing Fractions by Whole Numbers | Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. | 2 weeks | January 31st to February 11th |
| [5.NF.B7b](https://docs.google.com/document/d/1e1iEUggG1AggRRwucxGTFTzZ3erooWrj4kXo1Hu6A7Y/edit?usp=sharing) | Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. |  |  |
| [5.NF.B7c](https://docs.google.com/document/d/1DTDmXsI6BgK4HMCdftvrimQl73RTFrsbu3RMZyd5vq8/edit?usp=sharing) | Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. |  |  |

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