First Grade 2020 Unit #3: Math - Measurement and Data

Content Area: **Mathematics**
Course(s): **Math 1**
Time Period: **Marking Period 3**
Length: **about 8 weeks**
Status: **Published**

Established Goals/Standards

MA.1.OA.A.1	Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
MA.1.OA.A.2	Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
MA.1.OA.C.5	Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).
MA.1.NBT.A.1	Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.
MA.1.NBT.B.2	Understand that the two digits of a two-digit number represent amounts of tens and ones. Understand the following as special cases:
MA.1.NBT.B.3	Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols >, =, and <.
MA.1.MD.A.1	Order three objects by length; compare the lengths of two objects indirectly by using a third object.
MA.1.MD.A.2	Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.
MA.2.MD.C.8	Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately.
MA.1.MD.C.4	Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

Essential Questions

Please add your Essential Questions by clicking on the Lists tab above.

- What are some ways you can collect, show and understand data?

- What are the value of coins, and what are some different ways to tell time?

- What are ways to measure how long an object is?

Enduring Understanding

Please add your Enduring Understandings by clicking on the Lists tab above.

- Compare objects and order them by length. Compare the lengths of two objects without putting them next to each other. Use a smaller object to measure the length of a longer object.

- Tally charts and tally marks help organize data into different categories. Collect and organize data using a picture graph. Interpret the collected and organized data.

- Tell time to the hour. Tell and write time to the hour or the half hour.

Content

The students will be able to:

- Order three objects by length
- Compare the lengths of two objects indirectly by using a third object
- Understand and use length units
- Tell and write time in hours
- Tell and write timein half hours
- Organize, represent, interpret, and compare data with up to three categories

Resources

savvasRealize.com   (Digital Resources online) which includes:

- Online Interactive Math Stories
- Solve and Share Online
- Visual Learning Animation Plus Online
- Convince Me! Online
- Practice Buddy Online
- Animated Glossary Online, Vocabulary Cards
- 3-ACT Math Videos

Student's Edition enVision Mathematics grade 12020

Teacher's Edition enVision Mathematics grade 12020

Teacher's Resource Masters which includes:

- Interactive Math Stories
- Home-School Connection Letter
- Pick a Project
- enVision STEM Activities
- Daily Review
- Reteach to Build Understanding

- Build Math Literacy
- Enrichment
- Fluency Practice/Assessment
- Teaching Tools

math literature

math manipulatives

Manipulative Kits

Additional Pratice workbook for homework