

**Berlin Brothersvalley School District**  
**Math**  
**1st Grade**  
**Year at a Glance**

**Course Description:**

In grade 1, our instructional time will focus on 4 critical areas: **1.** developing understanding of addition, subtraction, and strategies for addition and subtraction within 20; **2.** developing understanding of whole number relationships and place value, including grouping in tens and ones up to 120; **3.** developing understanding of linear measurement and measuring lengths as iterating length units, time concepts, and graphing data; **4.** reasoning about attributes of, and composing and decomposing geometric shapes.

Please see below for a concise outline of the course

<b>Units of Study</b>	<b>Concepts</b>	<b>Time</b>	<b>Standards</b>
Addition and Subtraction	<b>Students will know...</b> <ul style="list-style-type: none"> <li>● Addition and Subtraction within 100</li> <li>● Composing and Decomposing numbers.</li> <li>● Multi-step addition and subtraction</li> <li>● Strategies to add and subtract</li> <li>● Relationship between addition and subtraction</li> </ul>	11 weeks	CC.2.2.1.A.1 CC.2.1.1.B.2 CC.2.1.1.B.3
Place Value	<b>Students will know...</b> <ul style="list-style-type: none"> <li>● Place value to the tens and ones</li> </ul>	12 weeks	CC.2.1.1.B.3 CC.2.1.1.B.2
Shapes	<b>Students will know...</b> <ul style="list-style-type: none"> <li>● Two and three dimensional shapes</li> <li>● Attributes of two and three dimensional shapes</li> </ul>	3 weeks	CC.2.3.1.A.1
Fractions	<b>Students will know...</b> <ul style="list-style-type: none"> <li>● Fractions to the <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math></li> </ul>	2 weeks	CC.2.3.1.A.2
Measurement	<b>Students will know...</b> <ul style="list-style-type: none"> <li>● Length using nonstandard units of measurements</li> </ul>	3 weeks	CC.2.4.1.A.1

Time	<b>Students will know...</b> <ul style="list-style-type: none"> <li>• Time to the hour and half hour</li> </ul>	2 weeks	CC.2.4.1.A.2
Data	<b>Students will know...</b> <ul style="list-style-type: none"> <li>• Tally charts</li> <li>• Bar graphs</li> </ul>	3 weeks	CC.2.4.1.A.4