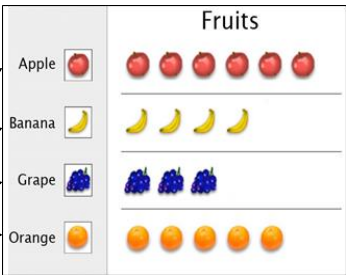
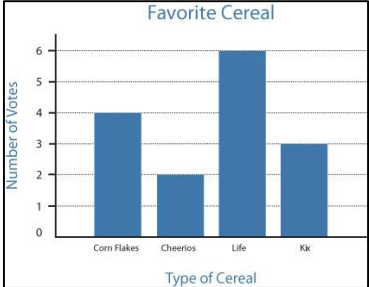




Second Grade Math Newsletter



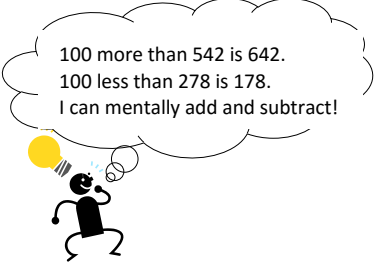
Marking Period 1, Part 2

| MT | Learning Goals by Measurement Topic (MT) <u>Students will be able to...</u> | |
|--|--|--|
| Number and Operations in Base Ten | <ul style="list-style-type: none"> count to 1,000 using a variety of tools (hundreds chart or number line). skip-count by 10 or 100 forwards and backwards from any number. mentally add or subtract 10 or 100 from a number. | |
| Operations and Algebraic Thinking | <ul style="list-style-type: none"> use addition and subtraction strategies to solve word problems in real world situations. use addition and subtraction strategies to solve word problems using bar graphs and picture graphs. | |
| Measurement and Data | <ul style="list-style-type: none"> draw picture graphs and bar graphs to represent data. represent up to four different categories on picture graphs and bar graphs. solve addition, subtraction, and comparison problems using information from picture graphs and bar graphs. <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;"> <p>Picture Graph</p>  </div> <div style="text-align: center;"> <p>Bar Graph</p>  </div> </div> | |

| Thinking and Academic Success Skills (TASS) | | |
|--|---|--|
| | <u>It is...</u> | <u>In math, students will...</u> |
| Fluency | generating multiple responses to a problem or an idea. | <ul style="list-style-type: none"> use place value and skip-counting strategies to mentally add and subtract 10. use put together, take apart, and compare strategies to understand their data. represent data in different ways. share strategies with others to develop multiple ways to solve addition and subtraction word problems.  |
| Collaboration | working effectively and respectfully to reach a group goal. | <ul style="list-style-type: none"> share roles and responsibilities with others to collect and organize data through picture graphs and bar graphs to represent the data in different ways. communicate strategies with others and listen respectfully to develop multiple ways to solve addition and subtraction word problems.  |

Second Grade Math Newsletter

Marking Period 1, Part 2

| Learning Experiences by Measurement Topic (MT) | | |
|--|---|---|
| MT |  <u>In school, your child will . . .</u> |  <u>At home, your child can . . .</u> |
| Number and Operations in Base Ten | <ul style="list-style-type: none"> learn strategies to add and subtract numbers on a thousands chart to add 10 more or 10 less, 100 more, or 100 less. mentally calculate 1 more or 1 less, 10 more or 10 less, and 100 more or 100 less than any 3-digit number.  | <ul style="list-style-type: none"> use chalk, markers, shaving cream, etc. to write a number and identify 10 more or 10 less than that number. find numbers in the environment and identify 100 more or 100 less than the number. <p><u>Website to support learning:</u></p> <ul style="list-style-type: none"> http://www.montgomeryschoolsmd.org/departments/hiat/web-sites/math.shtm |
| Operations and Algebraic Thinking | <ul style="list-style-type: none"> solve addition and subtraction word problems. match word problems with equations and questions. practice solving a variety of types of word problems with unknowns in all positions. | <ul style="list-style-type: none"> practice solving word problems related to real-life situations by writing equations with the unknown in all areas. explain how word problems can be solved fluently (in multiple ways). |
| Measurement and Data | <ul style="list-style-type: none"> calculate and organize information to develop a bar graph or picture graph. answer put together, take-apart, or compare questions from different types of graphs. <p><u>Possible Questions:</u></p> <ul style="list-style-type: none"> - How many more kids chose oranges as their favorite fruit than grapes? - How many kids chose apples or bananas as their favorite fruit? - How many kids participated in this survey all together? | <ul style="list-style-type: none"> look in the newspaper or online for bar graphs or picture graphs and answer questions based on the information in the graphs. tally the different types of cars driving by and develop a picture graph with up to four categories. collaborate to find different colored objects at home and create a bar graph to represent the different colors. <p><u>Website to support learning:</u></p> <ul style="list-style-type: none"> http://jmathpage.com/JIMSStatisticspage.html |

| | |
|-----------------|---|
| Glossary | equation: a number sentence with an equal sign ($2 + 3 = 5$ or $5 = 2 + 3$ or $5 - 2 = 3$) |
|-----------------|---|