

GRADE TWO MATH CURRICULUM MAP-MASSACHUSETTS LEARNING STANDARDS

<u>Month</u>	<u>Concept</u>	<u>Skills</u>	<u>Assessment</u>	<u>Activities/Resources</u>
<u>September</u>	<ul style="list-style-type: none"> • +/- Facts 2N9 • Cardinal/Ordinal #'s 2N2 • Repeating Patterns 2P4 • Value: coins/bills 2N6 • Skip Count by 2,5,10 2P4 • Using a calendar 2M1 • Time to ¼ Hr 2M2 • Odd/even #'s 2N5 • Write #'s to 1,000 2N1 	<ul style="list-style-type: none"> • Skip count • Give value of coins/bills • Identify odd/even #'s 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • 100's Chart
<u>October</u>	<ul style="list-style-type: none"> • +/- Facts • Use >, <, = signs 2P6 • Trade coins/bills 2N6 • Inverse +/- relations 2N8 • Relate geometrics/#'s 2G7 • Compare length, width, Volume 2M3 • Estimate. time, weight, volume, area 2M6 • Add/Subtract to 3 digits 2N11 	<ul style="list-style-type: none"> • Draw/Make object arrays • Estimate measurements • Design repeating patterns • Computation to 3 digits 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Liquid containers • Scales • Clocks • Measuring sticks
<u>November</u>	<ul style="list-style-type: none"> • +/- Facts • Two-dimension shapes; Polygons/curved figures. 2G2 • Gather data 2D1 	<ul style="list-style-type: none"> • Draw 2 dimensional shapes • Interview, survey • Represent data • Draw conclusions w/data 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Tables, Charts, etc.

BURGESS ELEMENTARY SCHOOL GRADE TWO Curriculum Map: Mathematics – Massachusetts Learning Standards

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<u>December</u>	<ul style="list-style-type: none"> • +/- Facts • Open sentences: $x+7=10$ 2P5 • 3Dimensional shapes 2G1 • Add/Subtract 2 digit #'s 2N12 • Odd & Even #'s. 2N5 • Metric measure 2N4 • Add/Subtract multiple Digit #'s 2N11 	<ul style="list-style-type: none"> • Number of corners, edges, sides, faces. • 3-D visualization • Measuring standards 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Geometric shapes • Measuring tools • Estimations
<u>January</u>	<ul style="list-style-type: none"> • +/- Facts • Combining shapes 2G6 • Separating shapes 2G6 • Congruent shapes 2G3 • Rotate, translate, reflect, Enlarge shapes 2G4 • Symmetry 2G5 	<ul style="list-style-type: none"> • Visualizing shapes • Manipulate shapes • Draw lines of symmetry 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Geometric shapes • Estimations
<u>February</u>	<ul style="list-style-type: none"> • +/- Facts • Repeated addition using Arrays 2G7 	<ul style="list-style-type: none"> • Identify/construct arrays • Numeric pattern recognition 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Counting patterns • Estimations

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<u>March</u>	<ul style="list-style-type: none"> • +/- Facts • Frequency distributions 2D1 • Patterns: Doubles/ Halves 2P1 • Measurement estimates: Time, Volume, Weight, Area -- 2M6 • Data: Tally, Charts, Bar graphs, Pictographs, Diagrams -- 2D2 	<ul style="list-style-type: none"> • Interpret data • Equal sharing • Find middle value/median • Using measurement Concepts. 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Estimations
<u>April</u>	<ul style="list-style-type: none"> • +/- Facts • Common fractions: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$. 2N3 	<ul style="list-style-type: none"> • Understanding fractions • Equivalent fractions • Comparing fractions 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Fraction cards • Estimations
<u>May</u>	<ul style="list-style-type: none"> • +/- Facts • Linear measure 2M4 • Perimeter 2M4 • Long distances 2M4 	<ul style="list-style-type: none"> • Measurement 	<ul style="list-style-type: none"> • Chapter tests • Teacher designed tests • Informal assessment 	<ul style="list-style-type: none"> • Problem solving • Counting patterns • Games • Estimations

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<u>June</u>	<ul style="list-style-type: none">• +/- Facts• Decimal notation: pennies, dimes 2N6• Review all 2nd grade Concepts.	<ul style="list-style-type: none">• Place value• Division number model• Multiplication facts• Mult./Div. fact families	<ul style="list-style-type: none">• Chapter tests• Teacher designed tests• Informal assessment	<ul style="list-style-type: none">• Problem solving• Counting patterns• Games• Estimations
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