

5th Grade Math at a Glance for Parents 2018-2019

| First Quarter | | | | Second Quarter | | |
|----------------------------------|---|--|---|--|---|---|
| Unit | Creating Classroom Community Through Data & Graphing | Using Models to Explore Properties of Multiplication & Division | Using Models to Multiply & Divide Fractions | Using Models to Multiply & Divide Fractions Continued | Understanding Place Value & Decimals in the Context of Metric Measurement | Using Models to Add & Subtract Decimals & Fractions |
| Standards Assessed | NC.5.OA.3 NC.5.MD.2 NC.5.G.1 | NC.5.OA.2 NC.5.NBT.6 NC.5.NBT.5 NC.5.MD.4 NC.5.MD.5 | NC.5.NF.4 | NC.5.NF.3 NC.5.NF.4 NC.5.NF.7 | NC.5.NBT.1 NC.5.NBT.3 NC.5.MD.2 | NC.5.OA.2 NC.5.NBT.7 NC.5.NF.1 |
| Big Ideas on the Elementary Card | <ul style="list-style-type: none"> • Generate shape and numerical patterns connected to x, y coordinate points. • Generate, represent and interpret data. • Understand concepts of volume and relate volume to multiplication and to addition. • Use models and strategies to solve real-world and word problems involving multiplication and division. | | | <ul style="list-style-type: none"> • Apply and extend previous understandings of multiplication and division to multiply and divide fractions. • Explore the place value system from one million to thousandths. • Use length and area models to add and subtract decimals • Use equivalent fractions as a strategy to add and subtract fractions. | | |
| Third Quarter | | | | Fourth Quarter | | |
| Unit | Using Models to Add & Subtract Decimals & Fractions Continued | Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions | | Using Models to Multiply & Divide Whole Numbers, Decimals, and Fractions | Classifying Quadrilaterals | |
| Standards Assessed | NC.5.OA.2 NC.5.NBT.7 NC.5.NF.1 | NC.5.OA.2 NC.5.NF.4 NC.5.NBT.5 NC.5.NF.7 NC.5.NBT.6 NC.5.MD.1 NC.5.NBT.7 | | NC.5.OA.2 NC.5.NF.4 NC.5.NBT.5 NC.5.NF.7 NC.5.NBT.6 NC.5.MD.1 NC.5.NBT.7 | NC.5.G.1 NC.5.G.3 | |
| Big Ideas on the Elementary Card | <ul style="list-style-type: none"> • Multiply two whole numbers using the standard algorithm and other strategies. • Apply and extend previous understandings of multiplication and division to multiply and divide fractions. • Multiply and divide decimals using models and strategies based on place value. | | | <ul style="list-style-type: none"> • Use a conversion chart to solve one-step problems. • Multiply a fraction by a fraction using length and area models. • Classify two-dimensional figures into categories based on their properties. | | |