

# Marking Period Expectations – Fourth Grade Math

By the end of **marking period 1**, your child will meet grade level (MGL) if they are able to:

- Model place value relationships.
- Read and write numbers.
- Compare and order numbers.
- Round numbers.
- Rename numbers.
- Add whole numbers.
- Subtract whole numbers.
- Use a variety of strategies to solve word problems.

By the end of **marking period 2**, your child will meet grade level (MGL) if they are able to:

- Solve problems involving multiplicative and additive comparison.
- Multiply tens, hundreds, and thousands by whole numbers through 10.
- Use a variety of strategies (place value, partial products, and mental math) to multiply a multi-digit number by a 1-digit number.
- Estimate products.
- Use a variety of strategies (Distributive Property and regrouping) to multiply a 2-digit number by a 1-digit number.
- Use a variety of strategies (expanded form and regrouping) to multiply a multi-digit by a 1-digit number.
- Use a variety of strategies to solve word problems.
- Estimate quotients.
- Use remainders to solve division problems.
- Divide tens, hundreds, and thousands by whole numbers through 10.
- Use a variety of strategies (distributive property, repeated subtraction, multiples, and partial quotients) to find quotients.
- Model division with regrouping.
- Divide multi-digit numbers by 1-digit divisors.

By the end of **marking period 3**, your child will meet grade level (MGL) if they are able to:

- Find factors.
- Use a variety of strategies (models, division algorithm, and divisibility rules) to determine if a number is a factor of another number.
- Use a variety of strategies (arrays and divisibility rules) to determine if a number is prime or composite.
- Find, describe, and extend patterns.

- Find equivalent fractions.
- Write, identify, and use equivalent fractions in simplest form.
- Compare and order fractions using a variety of strategies- benchmark fractions and equivalent fractions.
- Graph fractions on a number line.
- Decompose a fraction.
- Find sums and differences involving fractions.
- Write fractions greater than 1 as mixed numbers and write mixed numbers as fractions greater than 1.
- Add and subtract mixed numbers.
- Rename mixed numbers to subtract.
- Multiply a fraction by a whole number.
- Use a variety of strategies to solve word problems.

By the end of **marking period 4**, your child will meet grade level (MGL) if they are able to:

- Record tenths and hundredths as fractions and decimals.
- Translate among representation of fractions, decimals, and money.
- Add fractions when the denominators are 10 or 100.
- Compare decimals to hundredths by reasoning about their size.
- Identify, draw, and name points, lines, line segments, rays and angles.
- Classify angles.
- Classify triangles by their angles.
- Identify and draw parallel and perpendicular lines.
- Sort and classify geometric figures.
- Find Lines of symmetry.
- Determine fractions of a circle.
- Measure and draw angles.
- Use a variety of strategies to solve word problems.
- Compare customary units of length, weight, and liquid volume.
- Make and interpret line plots with fractional data.
- Compare metric units of length, mass, and liquid volume.
- Compare units of time.
- Elapsed time problems.
- Find perimeter and area of a rectangle.
- Find the area of combined rectangles.
- Given perimeter or area, find the unknown measure of a side of a rectangle.
- Use a variety of strategies to solve word problems.