**3rd Grade IXL Standards - First Trimester**

* **B.3: Value of a digit:** Place values
* **B.4**: **Identify the digit with a particular place value:** Place values
* **B.7**: **Convert from expanded form:** Place values
* **C.1: Addition:** Add two numbers up to three digits
* **C.3: Addition:** Add two numbers up to three digits – word problems
* **C.8**: **Addition:** Addition patterns over increasing place values
* **D.1**: **Subtraction:** Subtract numbers up to three digits
* **D.3: Subtraction:** Subtract numbers up to three digits – word problems
* **D.6: Subtraction:** Subtraction patterns over increasing place values
* **L.1**: **Rounding:** Estimation and rounding
* **L.5**: **Estimate sums**: Estimation and rounding
* **M.1:** **Guess the number** Logical reasoning
* **M.3** : **Measurement:** Which customary unit is appropriate?
* **M.4: Measurement:** Which metric unit is appropriate?
* **O.1: Time:** Read clocks and write times
* **O.2: Time:** [Elapsed time I](http://www.ixl.com/math/grade-4/missing-factors-facts-to-12)
* **O.3**: **Time:** [Elapsed Time II](http://www.ixl.com/math/grade-4/choose-the-multiples-of-a-given-number-up-to-12)
* **P.4: Graphs:** [Interpret bar graphs](http://www.ixl.com/math/grade-4/place-values)
* **P.5**: **Graphs:** [Create bar graphs](http://www.ixl.com/math/grade-4/convert-between-place-values)
* **P.8: Graphs:** [Interpret pictographs](http://www.ixl.com/math/grade-4/word-names-for-numbers)
* **R.7**: **Geometry:** [Perimeter](http://www.ixl.com/math/grade-4/rounding)
* **R.9: Geometry:** [Area of figures made of unit squares](http://www.ixl.com/math/grade-4/compare-numbers-up-to-billions)

**3rd Grade IXL Standards – Second Trimester**

* **C.2: Addition:** Addition input/output tables – up to three digits
* **D.2**: **Subtraction:** Subtraction input/output tables – up to three digits
* **E.1: Multiplication:** [Multiplication sentences](http://www.ixl.com/math/grade-4/angles-of-90-180-270-and-360-degrees)
* **E.2: Multiplication:** [Facts to 12](http://www.ixl.com/math/grade-4/measure-angles-with-a-protractor)
* **E.3: Multiplication:** [Multiplication word problems – Facts to 12](http://www.ixl.com/math/grade-4/estimate-angle-measurements)
* **E.4: Multiplication:** [Missing factors – facts to 12](http://www.ixl.com/math/grade-4/what-decimal-number-is-illustrated)
* **F.1 – F.13: Multiplication:** Skill Builders (Facts 0 – 12)
* **G.1: Division:** [Division facts to 5](http://www.ixl.com/math/grade-4/place-values-in-decimal-numbers)
* **H.1: Skill Builders:** Divide by 1
* **H.2: Skill Builders:** [Divide by 2](http://www.ixl.com/math/grade-4/compare-decimal-numbers)
* **H.5: Skill Builders:** [Divide by 5](http://www.ixl.com/math/grade-4/put-decimal-numbers-in-order)
* **J.7: Properties:** Relate addition and multiplication
* **J.8: Properties:** Relate multiplication and division
* **R.1: Geometry:** [Identify planar and solid shapes](http://www.ixl.com/math/grade-4/number-sequences-involving-decimals)
* **R.2: Geometry:** [Which 2-dimensional shape is being described?](http://www.ixl.com/math/grade-4/multiplication-facts-to-12)
* **R.3: Geometry:** [Count and compare sides, edges, faces, and vertices](http://www.ixl.com/math/grade-4/multiply-1-digit-numbers-by-larger-numbers)
* **R.8: Geometry:** [Perimeter: Find the missing length](http://www.ixl.com/math/grade-4/estimate-products)
* **R.10: Geometry:** [Area of rectangles](http://www.ixl.com/math/grade-4/estimate-products-word-problems)
* **R.13: Geometry:** [Compare area and perimeter of two figures](http://www.ixl.com/math/grade-4/multiply-a-2-digit-number-by-a-2-digit-number-complete-the-missing-steps)
* **R.22: Geometry:** [Classify quadrilaterals](http://www.ixl.com/math/grade-4/multiply-a-2-digit-number-by-a-2-digit-number)

## 3rd Grade IXL Standards - Third Trimester

* **E.4: Multiplication:** [Missing factors – facts to 12 –](http://www.ixl.com/math/grade-4/add-and-subtract-fractions-with-like-denominators) word problems
* **E.**8: **Multiplication:** Multiply by a multiple of ten
* **E.14: Multiplication:** [Multiplication input/output tables](http://www.ixl.com/math/grade-4/add-and-subtract-fractions-with-like-denominators-word-problems)
* **G.**2: **Division:** Division facts to 10
* **G.**3: **Division:** Division word problems – facts to ten
* **G.**4: **Division:** Complete the division sentence – facts to ten
* **G.5: Division:** Division facts to 12
* **G.**14: **Division:** Division input/output tables
* **H.3, H.4, H.6-H.9: Division:** [Skill builders divide by 3, 4,](http://www.ixl.com/math/grade-4/add-fractions-with-unlike-denominators) 6, 7, 8, and 9
* **I.1: Mixed Operations:** [Addition, subtraction, multiplication, and division facts](http://www.ixl.com/math/grade-4/equivalent-fractions)
* **I.2: Mixed Operations:** Complete the addition, subtraction, multiplication, or division sentence
* **I.6:** **Mixed Operations:** Multi-step word problems
* **J.5: Properties:** [Properties of multiplication](http://www.ixl.com/math/grade-4/subtract-fractions-with-unlike-denominators)
* **J.6: Properties:** [Solve using properties of multiplication](http://www.ixl.com/math/grade-4/add-and-subtract-fractions-with-unlike-denominators-word-problems)
* **R.11: Geometry:** Area of squares and rectangles: word problems
* **S.1: Fractions:** [Unit fraction review](http://www.ixl.com/math/grade-4/order-fractions-from-least-to-greatest)
* **S.2: Fractions:** [Fraction review](http://www.ixl.com/math/grade-4/perimeter)
* **S.3: Fractions:** [Fraction review – word problems](http://www.ixl.com/math/grade-4/area-of-squares-and-rectangles)
* **S.4: Fractions:** [Fractions on a number line](http://www.ixl.com/math/grade-4/area-of-complex-figures-with-all-right-angles)
* **S.5: Fractions:** [Compare fractions](http://www.ixl.com/math/grade-4/compare-area-and-perimeter-of-two-figures)
* **S.6: Fractions:** Equivalent fractions: type the numerator or denominator
* **S.9: Fractions:** [Put fractions in](http://www.ixl.com/math/grade-4/rotational-symmetry) order
* **S.12: Fractions:** [Mixed numbers: what mixed number is shown?](http://www.ixl.com/math/grade-4/lines-of-symmetry)