**Grade 3**

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| --- | --- | --- | --- | --- |
| **Number and Number Sense** | | | | |
| Place | Place Value | Digit | Whole number | Ones |
| Tens | Hundreds | Thousand | Ten-thousand | Hundred-thousand |
| Round | Standard form | Written form | Expanded form | Period |
| Commas | Greater than (>) | Less than (<) | Equal to (=) | Least |
| Greatest | Order | Estimate | Round | Closer |
| Whole | Fraction | Part | Proper fraction | Improper fraction |
| Mixed number | Denominator | Numerator | Compare | Region/Area Model |
| Set Model | Length/Measurement Model |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Computation and Estimation** | | | | |
| Estimate | Exact answer | Sum | Difference | Approximate |
| Solution | Place value | Commutative Property of Addition | Identity Property of Addition | Associative Property of Addition |
| Addends | Minuend | Subtrahend | Equal sets/Equal-Groups Model | Array Model |
| Rows | Columns | Repeated Addition | Skip counting | Number line |
| Product | Factor | Algorithm | In all | Altogether |
| Multiply | Divide | Equal sets/Equal groups Model | Array Model | Length Model |
| \*Commutative Property of Multiplication\* | \*Identity Property of Multiplication\* | \*Associative Property of Addition\* | \*Associative Property of Multiplication\* | \*Distributive Property” |
| Proper Fraction |  |  |  |  |

\*NOTE: Students should apply rules but not required to use the terms.

Grade 3 (continued)

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| **Measurement and Geometry** | | | | |
| Coins | Bills | Purchase price | Change | U.S. Customary Units |
| Metric Units | Length | Inch | Foot | Yard |
| Centimeter | Meter | Liquid volume | Cup | Pint |
| Gallon | Liter | Estimate | Distance | Polygon |
| Perimeter | Square units | Surface | Area | Plane figure |
| Two-dimensional | Time | Minute | Analog clock | Digital clock |
| Elapsed time | Equivalent | Increment | Second | Hour |
| Day | Calendar | Month | Year | Week |
| Beginning time | Ending time | Temperature | Degree | Celsius |
| Fahrenheit | Thermometer | Scale increment | Point | Line |
| Line segment | Ray | Angle | Endpoint | Vertex |
| Polygon | Sides | Closed plane | Quadrilateral | Rectangle |
| Square | Trapezoid | Parallelogram | Rhombus | Triangle |
| Pentagon | Hexagon | Heptagon | Octagon | Nonagon |
| Decagon | Congruent | Noncongruent |  |  |

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| **Probability and Statistics** | | | | |
| Probability | Chance | Outcome | Event | Impossible |
| Unlikely | Equally likely | Likely | Certain | List |
| Table | Chart | Categories | Survey | Poll |
| Questionnaire | Scientific experiment | Observation | Data | Pictograph |
| Data point | Bar graph | Axis | Title | Key |
| Statement | Interpretation |  |  |  |

Grade 3 (continued)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patterns, Functions, and Algebra** | | | | |
| Pattern | Repeating pattern | Growing pattern | Term | Input rule |
| Output rule | Core | Constant value | Common difference | Numeric pattern |
| Geometric figure pattern | \*Transformation\* | \*Rotation\* | \*Reflection\* | Equation |
| Number sentence | Equal symbol (=) | Equivalent | Not equal symbol (≠) | Expression |

\*NOTE: Students should apply rules but not required to use the terms.