## Freckle Math

| Base 10 |  | Operations \& Algebraic |  | Fractions |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 01 Numbers Above 10 |  | 01 Basic Addition/Subtraction | 3.0 | 01 What is a Fraction |
|  | 02 Count to 120 |  | 02 Addition/Subtraction Word Problems | 3.1 | 02 Unit Fractions on Number Line |
|  | 03 The Number 10 |  | 03 Decompose < 10 | 3.2 | 03 Fractions on Number Line |
|  | 04 10+ Another Number |  | 04 Add to 10 | 3.4 | 04 Intro Fraction Equivalence |
|  | 05 Multiple 10s |  | 05 Subtract Within 5 | 3.6 | 05 Equivalent Fractions |
| 1.5 | 06 Compare 2 Digit Numbers |  | 06 Add and Subtract Within 20 | 3.7 | 06 Whole Numbers as Fractions |
| 1.6 | 07 Add Winthin 100 |  | 07 Add Three Numbers < 20 | 3.9 | 07 Compare Similar Fractions |
|  | 08 Counting by 10s |  | 08 Addition Properties | 4.0 | 08 Generate Equivalent Fractions |
|  | 09 Subtract Multiple of 10s |  | 09 Subtraction: Unknown Addend | 4.1 | 09 Compare Dissimilar Fractions |
| 2.0 | 10 Three Digits |  | 10 Add and Subtract as Counting | 4.2 | 10 Intro to Fraction Addition |
| 2.1 | 11 The Number 100 |  | 11 Addition/Subtraction Within 20 | 4.2 | 11 Decomposing Fractions |
| 2.2 | 12 Multiple 100s | 1.8 | 12 The Equal Sign | 4.3 | 12 Mixed Numbers with Like Denominators |
| 2.3 | 13 Count Within 1000 | 1.9 | 13 Solve for Unknowns | 4.4 | 13 Word Problems: Addition |
| 2.4 | 14 The Number 1000 | 2.0 | 14 Addition/Subtraction Within 100 | 4.5 | 14 Understanding Multiples |
| 2.5 | 15 Compare 3-Digit Numbers | 2.3 | 15 Mental Addition/Subtraction Within 20 | 4.6 | 15 Multiplying Fractions |
| 2.5 | 16 Subtract Within 100 | 2.5 | 16 Parity Basics | 4.7 | 16 Word Problems: Multiplying |
| 2.6 | 17 Add 4 Numbers | 2.8 | 17 Sum in Matrix | 4.8 | 17 Equivalent Denominators |
| 2.7 | 18 Addition/Subtraction Within 1000 | 3.0 | 18 Basic Multiplication | 4.8 | 18 Simple Decimal Notation |
| 2.8 | 19 Mental Addition: 10/100 | 3.1 | 19 Basic Division | 4.9 | 19 Comparing Decimals |
| 2.9 | 20 Explain Addition/Subtraction within Algebra | 3.2 | 20 Multiplication/Division Within 100 | 5.0 | 20 Adding: Unlike Denominators |
| 3.0 | 21 Rounding to 10/100 | 3.3 | 21 Unknowns in Multiplication/Division |  | 21 Word Problems: Unlike Denominators |
| 3.3 | 22 Fluent Addition/Subtraction to 1000 | 3.4 | 22 Multiplication Properties | 5.2 | 22 Fractions as Division |
| 3.7 | 23 Intro to Multiplication | 3.7 | 23 Division as Unknown Factor |  | 23 Products and Fractions |
| 4.0 | 24 Place Value Basics | 3.9 | 24 Advanced Multiplication/Division |  | 24 Fractional/Rectangles |
| 4.2 | 25 Compare Multi-Digit Numbers | 4.0 | 25 Two-Step Word Problems |  | 25 Comparing Product Size |
| 4.3 | 26 Rounding |  | 26 Arithmetic Patterns |  | 26 Multiplcation by Fractions > 1 |
| 4.5 | 27 Addition/Subtraction with Multi Digit Numbers |  | 27 Multiplication as Comparison |  | 27 Multiplying Mixed Fractions |
| 4.7 | 28 Four-Digit Multiplication |  | 28 Word Problems: Multiplicative Comparison |  | 28 Dividing Unit Fractions |
| 4.9 | 29 Four-Digit Division |  | 29 Multi-Step Word Problems |  | 29 Dividing by Unit Fractions |
| 5.0 | 30 Place Value |  | 30 Factor Pairs < 100 |  | 30 Word Problems: Division |
|  | 31 Multiplying/Dividing by 100 |  | 31 Number/Shape Patterns |  |  |
|  | 32 Decimals to Thousandths | 5.0 | 32 Parentheses |  |  |
|  | 33 Comparing Decimals |  | 33 Simple Expressions |  |  |
|  | 34 Rounding decimals |  | 34 Numerical Patterns |  |  |
|  | 35 Multiply Multi-Digit Numbers |  |  |  |  |
|  | 36 Multi-Digit Divisors |  |  |  |  |
|  | 37 Operations on Decimals |  |  |  |  |

## Freckle Math

|  | Measurement \& Data | Geometry |  |
| :---: | :---: | :---: | :---: |
| - | 01 Concept of Measurement | - | 01 Names of Shapes |
| 0.3 | 02 Comparing Objects |  | 02 Intro to Orientation |
| 0.7 | 03 Classifying/Counting Objects |  | 03 Flat vs. Solid |
| 1.0 | 04 Ordering Lengths |  | 04 Comparing Shapes |
| 1.3 | 05 Length |  | 05 Shapes in Real World |
| 1.5 | 06 Telling Time |  | 06 Composite Shapes |
| 1.8 | 07 Data Basics | 1.0 | 07 Defining Attributes |
| 2.0 | 08 Measuring Length | 1.3 | 08 Composite 3D Shapes |
| 2.1 | 09 Length in Different Units | 1.7 | 09 Partition Shapes |
| 2.2 | 10 Estimate Length | 2.0 | 10 Identify Shapes |
| 2.3 | 11 Comparing Measurements |  | 11 Partition \& Count |
| 2.4 | 12 Add/Subtract Within 10 | 2.7 | 12 Partition Terminology |
| 2.5 | 13 Whole Numbers on Number Line | 3.0 | 13 Shape Categories |
| 2.6 | 14 Time to Nearest 5 Minutes | 3.5 | 14 Partition Fractions |
| 2.7 | 15 Word Problems Involving Money | 4.0 | 15 Lines in 2D Figures |
| 2.8 | 16 Generate Measurement Data | 4.3 | 16 Triangles |
| 2.9 | 17 Picture and Bar Graphs | 4.7 | 17 Lines of Symmetry |
| 3.0 | 18 Time to Nearest Minute | 5.0 | 18 Coordinate Plane |
|  | 19 Mass/Volume Measurements |  | 19 Points in Coordinate Plane |
|  | 20 Visual Representations of Data |  | 20 Attributes \& Categories |
|  | 21 Visual Representations of Data |  | 21 Super Classification |
|  | 22 Square Units in Area |  | 22 Polygon Areas |
| 3.4 | 23 Counting Area in Square Units |  | 23 Rectangular Prism Volume |
|  | 24 Measure Area |  | 24 Polygons in Coordinate Plane |
|  | 25 Find Area by Tiling |  | 25 3D Figures |
|  | 26 Multiply to Find Area |  | 26 Sclae Drawings |
| 3.8 | 27 Tiling to Prove Area |  | 27 Drawing Rectangles |
|  | 28 Adding Partial Areas |  | 28 Slices of 3D Figures |
|  | 29 Perimeter |  | 29 Circle Properties |
|  | 30 Measurement Size and Conversions |  | 30 Angle Equations |
|  | 31 Word Problems Involving Measurement |  |  |
|  | 32 Area and Perimeter |  |  |
|  | 33 Fractional Line Plots |  |  |
|  | 34 Angle Measurement |  |  |
|  | 35 Angles in Degrees |  |  |
|  | 36 Measuring and Creating Angles |  |  |
|  | 37 Real World Angle Problems |  |  |
| 5.0 | 38 Convert Standard Measurements |  |  |
|  | 39 Make and Use Line Plots |  |  |
|  | 40 Measuring Volume |  |  |
|  | 41 Packing Unit Cubes |  |  |
|  | 42 Volume by Counting Cubes |  |  |
|  | 43 Volume of Right Prisms |  |  |
|  | 44 Volume Formulas |  |  |
|  | 45 Volume of Rectilinear Solids |  |  |

