# SmileZemi Curriculum <Grade 1-5 Math>

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## Grade 1

| Field | Topic | Common Core State Standards |
|---|---|---|
| Addition | 1-Digit Addition | 1.OA.A.1<br>1.OA.B.3<br>1.OA.C.5 |
| | <Coachez><br>1-Digit Addition Written Response | 1.OA.A.1<br>1.OA.B.3 |
| | Add 0 and Add Down | 1.OA.A.1<br>1.OA.B.3<br>1.OA.C.6 |
| | Doubles | 1.OA.A.1<br>1.OA.C.6 |
| | Make a 10 to Add | 1.OA.A.1<br>1.OA.C.6 |
| | Add Three Numbers | 1.OA.A.2<br>1.OA.B.3 |
| Subtraction | 1-Digit Subtraction | 1.OA.A.1<br>1.OA.C.5 |
| | Subtract 0 and Subtract Down | 1.OA.C.6 |
| | Make a 10 to Subtract | 1.OA.C.6 |
| | Use Addition to Subtract | 1.OA.B.4<br>1.OA.C.6 |
| | <Coachez><br>Use Addition to Subtract Written Response | 1.OA.B.4<br>1.OA.C.6 |
| Related Facts | Use Related Facts | 1.OA.C.6<br>1.OA.D.8 |
| | Choose an Operation | 1.OA.A.1<br>1.OA.C.6 |
| Numbers to 120 | Tens and Ones | 1.NBT.B.2 |
| | Numbers to 120 | 1.NBT.A.1 |
| | Add and Subtract Tens | 1.NBT.C.4<br>1.NBT.C.6 |
| | Model 2-Digit Addition | 1.NBT.C.4 |
| | Make a 10 to Add 2-Digit Numbers | 1.NBT.C.4 |
| | <Coachez><br>Make a 10 to Add 2-digit Numbers Written Response | 1.NBT.C.4 |
| | Use Regrouping to Add | 1.NBT.C.4 |
| Compare Numbers | Compare Numbers | 1.NBT.B.3 |
| Measurement and Data | Lengths | 1.MD.A.1<br>1.MD.A.2 |
| | Time | 1.MD.B.3 |
| | <Coachez><br>Time Written Response | 1.MD.B.3 |
| | Tally Charts | 1.MD.C.4 |
| | Picture Graphs | 1.MD.C.4 |
| | Bar Graphs | 1.MD.C.4 |
| Geometry | Three-Dimensional Shapes | 1.G.A.1 |
| | Combine Three-Dimensional Shapes | 1.G.A.2 |
| | Two-Dimensional Shapes | 1.G.A.1 |
| | Combine Two-Dimensional Shapes | 1.G.A.2<br>1.G.A.3 |

## Grade 2

| Field | Topic | Common Core State Standards |
|---|---|---|
| Basic Addition and Subtraction | Basic Addition and Subtraction | 2.OA.B.2<br>2.NBT.B.9 |
| | Equal Groups and Repeated Addition | 2.OA.C.4<br>2.NBT.A.2 |
| | Word Problems on 1-Digit Addition and Subtraction | 2.OA.A.1 |
| Numbers to 1,000 | Number Patterns | 2.OA.C.3 |
| | <Coachez><br>Number Patterns Written Response | 2.OA.C.3 |
| | Numbers to 100 | 2.NBT.A.2<br>2.NBT.A.3 |
| | Numbers to 1,000 | 2.NBT.A.1<br>2.NBT.A.3 |
| | 3-Digit Numbers | 2.NBT.A.3<br>2.NBT.A.4<br>2.NBT.A.8 |
| 2-Digit Addition | Compensation | 2.NBT.B.5<br>2.OA.A.1 |
| | Addition with Regrouping | 2.NBT.B.5 |
| | Add Vertically | 2.OA.A.1<br>2.NBT.B.5 |
| | Add 2-Digit Numbers | 2.NBT.B.6 |
| | <Coachez><br>Add 2-Digit Numbers Written Response | 2.NBT.B.6 |
| 2-Digit Subtraction | 2-Digit Subtraction | 2.NBT.B.5 |
| | Subtraction with Regrouping | 2.OA.A.1<br>2.NBT.B.5 |
| | Subtract Vertically | 2.NBT.5 |
| | Use Number Lines to Find the Difference | 2.NBT.5 |
| | Word Problems on 2-Digit Addition and Subtraction | 2.OA.A.1 |
| 3-Digit Addition | Break Apart and Add | 2.NBT.B.7 |
| | 3-Digit Addition with Regrouping | 2.NBT.B.7 |
| | Add 3-Digit Numbers | 2.NBT.B.7 |
| 3-Digit Subtraction | Break Apart and Subtract | 2.NBT.B.7 |
| | 3-Digit Subtraction with Regrouping | 2.NBT.B.7 |
| | Regroup Across Zeros | 2.NBT.B.7 |
| | Subtract 3-Digit Numbers | 2.NBT.B.7 |
| | <Coachez><br>Subtract 3-Digit Numbers | 2.NBT.B.7 |
| Measurement and Data | Money | 2.MD.C.8 |
| | Value of Money | 2.MD.C.8 |
| | Time | 2.MD.C.7 |
| | Customary Units of Length | 2.MD.A.1<br>2.MD.A.2<br>2.MD.A.3<br>2.MD.A.4<br>2.MD.B.5<br>2.MD.B.6 |
| | Metric Units of Length | 2.MD.A.1<br>2.MD.A.2<br>2.MD.A.3<br>2.MD.A.4<br>2.MD.B.5<br>2.MD.B.6 |
| | Line Plots | 2.MD.D.9 |
| | Tally Charts | 2.MD.D.10 |
| | <Coachez><br>Tally Charts Written Response | 2.MD.D.10 |
| | Picture Graphs | 2.MD.D.10 |
| | Bar Graphs | 2.MD.D.10 |
| Geometry | Two-Dimensional Shapes | 2.G.A.1 |
| | Three-Dimensional Shapes | 2.G.A.1 |
| | Make Equal Parts | 2.G.A.2<br>2.G.A.3 |

# SmileZemi Curriculum <Grade 1-5 Math>

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| Grade 3 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Multiplication | Understand Multiplication | 3.OA.A.1 |
| | Multiplication Patterns | 3.OA.A.3<br>3.OA.C.7<br>3.OA.D.9 |
| | <Coachez><br>Multiplication Patterns Written Response | 3.OA.D.9 |
| | Multiply by 2 ,4, 5 | 3.OA.A.3<br>3.OA.C.7 |
| | Multiply by 3, 6, 7 | 3.OA.A.3<br>3.OA.C.7 |
| | Multiply by 8, 9, 1, 0 | 3.OA.A.3<br>3.OA.C.7 |
| | Multiply by 10, 11, 12 | 3.OA.A.3<br>3.OA.C.7<br>3.NBT.A.3 |
| | Multiplication Properties | 3.OA.A.3<br>3.OA.B.5 |
| | Use Strategies | 3.OA.A.3<br>3.OA.D.8 |
| Division | Understand Division | 3.OA.A.2<br>3.OA.A.3 |
| | Relate Multiplication and Division | 3.OA.A.3<br>3.OA.B.6<br>3.OA.C.7 |
| | Divide by 2, 10, 5 | 3.OA.A.3<br>3.OA.C.7 |
| | Divide by 3, 4, 6 | 3.OA.A.3<br>3.OA.C.7 |
| | Divide by 7, 8, 9 | 3.OA.A.3<br>3.OA.C.7 |
| | Divide by 1, 0 and Order of Operations | 3.OA.C.7<br>3.OA.D.8 |
| Addition and Subtraction | Place Value | 3.NBT.A.1 |
| | <Coachez><br>Place Value Written Response | 3.NBT.A.1 |
| | Addition Properties | 3.NBT.A.2 |
| | 3-Digit Addition | 3.NBT.A.2 |
| | Addition with Regrouping | 3.NBT.A.2 |
| | 3-Digit Subtraction | 3.NBT.A.2 |
| | <Coachez><br>3-Digit Subtraction Written Response | 3.NBT.A.2 |
| | Subtraction with Regrouping | 3.NBT.A.2 |
| | Subtraction Across Zeros | 3.NBT.A.2 |
| Fractions | Parts of a Whole | 3.NF.A.1 |
| | Fractions as a Whole | 3.NF.A.2 |
| | Compare Fractions | 3.NF.A.3 |
| Measurement and Data | Lengths, Liquid Volumes, Masses | 3.MD.A.2<br>3.MD.B.4<br>3.OA.A.3 |
| | Time | 3.MD.A.1 |
| | <Coachez><br>Time Written Response | 3.MD.A.1 |
| | Picture Graphs | 3.MD.B.3<br>3.NBT.A.2 |
| | Bar Graphs | 3.MD.B.3<br>3.NBT.A.2 |
| | Line Plots | 3.MD.B.4<br>3.NBT.A.2 |
| | Perimeter | 3.MD.D.8 |
| | Area | 3.MD.C.5<br>3.MD.C.6<br>3.MD.C.7 |
| Measurement and Data | Area and Perimeter | 3.MD.C.7<br>3.MD.D.8 |
| Geometry | Attributes of Polygons | 3.G.A.1 |
| | Partition Shapes | 3.G.A.2 |

| Grade 4 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Place Value | Numbers to 1,000,000 | 4.NBT.A.1<br>4.NBT.A.2 |
| | Compare Numbers | 4.NBT.A.2<br>4.NBT.A.3 |
| | <Coachez><br>Compare Numbers | 4.NBT.A.2<br>4.NBT.A.3 |
| | Addition and Subtraction to 1,000,000 | 4.NBT.B.4 |
| Multiplication | Estimate Products | 4.NBT.A.3<br>4.NBT.B.5 |
| | Use Distributive Property to Multiply | 4.NBT.B.5 |
| | Use Place Value to Multiply | 4.NBT.B.5<br>4.OA.A.3 |
| | Multiplication with Regrouping | 4.NBT.B.5 |
| | Multiply Across Zeros | 4.NBT.B.5 |
| | Multiply Multi-Digit Numbers | 4.NBT.B.5 |
| | Multiply by Multiples of 10 | 4.NBT.B.5 |
| | Multiply by 2-Digit Numbers | 4.NBT.B.5 |
| | Multiply by 2-Digit Numbers with Regrouping | 4.NBT.B.5 |
| | <Coachez><br>Multiply by 2-Digit Numbers with Regrouping Written Response | 4.NBT.B.5 |
| | Word Problems on Multiplication | 4.NBT.B.5<br>4.OA.A.3 |
| Division | Estimate Quotients | 4.NBT.B.6 |
| | Use Partial Quotients | 4.NBT.B.6 |
| | Division with Remainders | 4.NBT.B.6<br>4.OA.A.3 |
| | Divide with Regrouping | 4.NBT.B.6 |
| | Quotients with Zeros and Divide Multi-Digit Numbers | 4.NBT.B.6 |
| | Word Problems on Division | 4.OA.A.2<br>4.OA.A.3<br>4.NBT.B.6 |
| Multiples, Factors and Patterns | Multiplication as Comparison | 4.OA.A.1<br>4.OA.A.2 |
| | Factors | 4.OA.B.4 |
| | Patterns | 4.OA.C.5 |
| Fractions | Simplest Form | 4.NF.A.1 |
| | Compare Fractions | 4.NF.A.2 |
| | Add Like Fractions | 4.NF.B.3.A<br>4.NF.B.3.B<br>4.NF.B.3.D |
| | Subtract Like Fractions | 4.NF.B.3.A<br>4.NF.B.3.C<br>4.NF.B.3.D |
| | Mixed Numbers | 4.NF.B.3.C |
| | Add and Subtract Mixed Numbers | 4.NF.B.3.C |
| | Multiply Fractions by Whole Numbers | 4.NF.B.4.A<br>4.NF.B.4.B<br>4.NF.B.4.C |
| | Word Problems on Fractions | 4.NF.B.3.D<br>4.NF.B.4.C<br>4.MD.A.2 |

# SmileZemi Curriculum <Grade 1-5 Math>

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|---|---|---|
| Decimals | Decimal Place Value | 4.NF.C.6 |
| | <Coachez><br>Decimal Place Value Written Response | 4.NF.C.6 |
| | Decimals and Fractions | 4.NF.C.5<br>4.NF.C.6<br>4.NF.C.7 |
| | Word Problems on Decimals | 4.NF.C.5<br>4.NF.C.6<br>4.MD.A.2 |
| Measurement and Data | Customary Units of Length | 4.MD.A.1<br>4.MD.A.2 |
| | Customary Units of Weight | 4.MD.A.1<br>4.MD.A.2 |
| | Customary Units of Liquid Volume | 4.MD.A.1<br>4.MD.A.2 |
| | Line Plots and Tally Charts | 4.MD.A.2<br>4.MD.B.4 |
| | Metric Units | 4.MD.A.1<br>4.MD.A.2 |
| | Time | 4.MD.A.1<br>4.MD.A.2 |
| | Word Problems on Mixed Units | 4.MD.A.1<br>4.MD.A.2 |
| | Perimeter and Area | 4.MD.A.3 |
| | <Coachez><br>Perimeter and Area Written Response | 4.MD.A.3 |
| | Circles and Angles | 4.MD.C.5<br>4.MD.C.6<br>4.MD.C.7 |
| Geometry | Lines, Rays and Triangles | 4.G.A.1<br>4.G.A.2 |
| | Quadrilaterals | 4.G.A.1<br>4.G.A.2 |
| | Line Symmetry | 4.G.A.3 |

Grade 5

| Field | Topic | Common Core State Standards |
|---|---|---|
| Place Value, Powers of 10 | Place Value | 5.NBT.A.1 |
| | Powers of 10 | 5.NBT.A.2 |
| Multiplication and Division | Multiply by 1-Digit Numbers | 5.NBT.B.5 |
| | Use Regrouping to Multiply by 1-Digit Numbers | 5.NBT.B.5 |
| | Multiply Multi-Digit Numbers | 5.NBT.B.5 |
| | Relate Multiplication and Division | 5.NBT.B.6 |
| | <Coachez><br>Relate Multiplication and Division Written Response | 5.NBT.B.6 |
| | Divide by 1-Digit Divisors | 5.NBT.B.6 |
| | Divide by 2-Digit Divisors | 5.NBT.B.6 |
| | Division with Remainders | 5.NBT.B.6<br>5.NF.B.3 |
| | Word Problems on Multiplication and Division | 5.NBT.B.6 |
| Decimals | Thousandths | 5.NBT.A.1<br>5.NBT.A.3<br>5.NBT.A.4 |
| | Use Models to Add and Subtract Decimals | 5.NBT.A.4<br>5.NBT.B.7 |
| | Decimal Addition and Subtraction | 5.NBT.A.4<br>5.NBT.B.7 |
| Decimals | <Coachez><br>Decimal Addition and Subtraction Written Response | 5.NBT.A.4<br>5.NBT.B.7 |
| | Word Problems on Decimal Addition | 5.NBT.B.7 |
| | Use Models to Multiply Decimals | 5.NBT.B.7 |
| | Different Ways to Multiply Decimals | 5.NBT.B.7 |
| | Place Decimal Points in Products | 5.NBT.A.2<br>5.NBT.B.7 |
| | Estimate Quotients | 5.NBT.A.4<br>5.NBT.B.7 |
| | Use Models to Divide Decimals | 5.NBT.B.7 |
| | <Coachez><br>Use Models to Divide Decimals Written Response | 5.NBT.B.7 |
| | Decimal Division | 5.NBT.B.7 |
| | Write Zeros in the Dividend | 5.NBT.B.7 |
| | Multiply and Divide Decimals by Powers of 10 | 5.NBT.A.2<br>5.NBT.B.7 |
| Fractions | Use Models to Add and Subtract Fractions | 5.NF.A.1<br>5.NF.A.2 |
| | Like Denominators | 5.NF.A.1<br>5.NF.A.2 |
| | Add and Subtract Mixed Numbers | 5.NF.A.1<br>5.NF.A.2 |
| | Relate Fractions and Division | 5.NF.B.3<br>5.NF.B.7 |
| | Multiply Fractions by Whole Numbers | 5.NF.B.4.A<br>5.NF.B.6 |
| | Fraction Multiplication | 5.NF.B.4 |
| | Multiply Mixed Numbers by Whole Numbers | 5.NF.B.4<br>5.NF.B.5 |
| | Mixed Number Multiplication | 5.NF.B.4 |
| | Unit Fraction Division | 5.NF.B.7 |
| | Multiplication and Division Problems on Fractions | 5.NF.B.4<br>5.NF.B.6<br>5.NF.B.7 |
| Algebra | Numerical Expressions | 5.OA.A.1<br>5.OA.A.2 |
| | Algebra | 5.OA.B.3 |
| Measurement and Data | Customary Units (Length, Weight, Liquid Volume) | 5.MD.A.1 |
| | Line Plots | 5.MD.B.2<br>5.OA.A.1<br>5.NF.B.4 |
| | Convert Metric Units | 5.MD.A.1 |
| | Time | 5.MD.A.1 |
| | Volume | 5.MD.C.3 |
| | <Coachez><br>Volume Written Response | 5.MD.C.3 |
| | Find Volume | 5.MD.C.4<br>5.MD.C.5 |
| | Find Volume of Composed Figures | 5.MD.C.5.B<br>5.MD.C.5.C |
| Geometry | Coordinate Plane | 5.G.A.1<br>5.G.A.2<br>5.OA.B.3 |
| | Two-Dimensional Figures | 5.G.B.3<br>5.G.B.4 |

# Smile Zemi Curriculum <Grade 1-5 ELA(English Language Arts)>

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| Grade 1 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Reading: Literature | Central Message and Key Details | RL.1.1<br>RL.1.2 |
| | Describe Details | RL.1.3<br>RL.1.7 |
| | <Coachez><br>Written Response 1 | RL.1.3<br>RL.1.7 |
| | Build Vocabulary | RL.1.4 |
| | Understand Different Types of Text | RL.1.5 |
| | Point of View | RL.1.6 |
| | Compare and Contrast | RL.1.9 |
| | <Coachez><br>Written Response 2 | RL.1.3<br>RL.1.7 |
| | Poetry | RL.1.10 |
| Reading: Informational Text | Main Topic and Key Details | RI.1.1<br>RI.1.2 |
| | <Coachez><br>Written Response 1 | RI.1.1<br>RI.1.2 |
| | Describe Connections | RI.1.3 |
| | Build Vocabulary | RI.1.4 |
| | <Coachez><br>Written Response 2 | RI.1.1<br>RI.1.2 |
| | Locate Information | RI.1.5 |
| | Use Illustrations and Words | RI.1.6 |
| | Understand Details | RI.1.7<br>RI.1.8 |
| | Compare and Contrast | RI.1.9 |
| Grammar | Nouns and Pronouns | L.1.1.B<br>L.1.1.D |
| | Verbs | L.1.1.E |
| | Modifiers | L.1.1.F<br>L.1.1.H |
| | Prepositions | L.1.1.I |
| | Conjunctions | L.1.1.G |
| | Types of Sentences | L.1.1.J |
| | Subject-Verb Agreement | L.1.1.C |
| | Capitalization and Punctuation | L.1.1.A<br>L.1.2.A<br>L.1.2.B<br>L.1.2.C |

| Grade 2 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Reading: Literature | Central Message and Key Details | RL.2.1<br>RL.2.2 |
| | <Coachez><br>Written Response 1 | RL.2.1<br>RL.2.2 |
| | Describe Details | RL.2.3<br>RL.2.7 |
| | Build Vocabulary | RL.2.4 |
| | <Coachez><br>Written Response 2 | RL.2.1<br>RL.2.2 |
| | Understand Text Structure | RL.2.5 |
| | Point of View | RL.2.6 |
| | Compare and Contrast | RL.2.9 |
| Reading: Informational Text | Main Topic and Key Details | RI.2.1<br>RI.2.2 |
| | <Coachez><br>Written Response 1 | RI.2.1<br>RI.2.2 |
| Reading: Informational Text | Describe Connections | RI.2.3 |
| | Build Vocabulary | RI.2.4 |
| | Locate Information | RI.2.5 |
| | Main Purpose | RI.2.6 |
| | <Coachez><br>Written Response 2 | RI.2.1<br>RI.2.2 |
| | Explain Images and Understand Details | RI.2.7<br>RI.2.8 |
| | Compare and Contrast | RI.2.9 |
| Grammar | Nouns and Pronouns | L.2.1.A<br>L.2.1.B<br>L.2.1.C |
| | Verbs | L.2.1.D |
| | Modifiers | L.2.1.E |
| | Types of Sentences | L.2.1.F |
| | Capitalization and Punctuation | L.2.2.A<br>L.2.2.B<br>L.2.2.C |

| Grade 3 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Reading: Literature | Central Message and Key Details | RL.3.1<br>RL.3.2 |
| | Describe Characters | RL.3.3 |
| | <Coachez><br>Written Response 1 | RL.3.1<br>RL.3.2 |
| | Build Vocabulary and Explain Illustrations | RL.3.4<br>RL.3.7 |
| | Understand Text Structure | RL.3.5 |
| | Point of View | RL.3.6 |
| | <Coachez><br>Written Response 2 | RL.3.4<br>RL.3.7 |
| | Compare and Contrast | RL.3.9 |
| Reading: Informational Text | Main Topic and Key Details | RI.3.1<br>RI.3.2 |
| | Describe Relationships and Connections | RI.3.3<br>RI.3.8 |
| | <Coachez><br>Written Response 1 | RI.3.1<br>RI.3.2 |
| | Build Vocabulary | RI.3.4 |
| | Locate Information | RI.3.5 |
| | Point of View | RI.3.6 |
| | Visual Information | RI.3.7 |
| | <Coachez><br>Written Response 2 | RI.3.1<br>RI.3.2 |
| | Compare and Contrast | RI.3.9 |
| Grammar | Nouns | L.3.1.B<br>L.3.1.C |
| | Verbs | L.3.1.D<br>L.3.1.E |
| | Modifiers | L.3.1.G |
| | Conjunctions | L.3.1.H |
| | Function | L.3.1.A |
| | Types of Sentences | L.3.1.I |
| | Agreement | L.3.1.F |
| | Capitalization and Punctuation | L.3.2.A<br>L.3.2.B<br>L.3.2.C<br>L.3.2.D |

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| Grade 4 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Reading: Literature | Theme and Story Details | RL.4.1<br>RL.4.2<br>RL.4.3 |
| | Build Vocabulary | RL.4.4 |
| | Understand Text Structure | RL.4.5 |
| | <Coachez><br>Written Response 1 | RL.4.1<br>RL.4.2<br>RL.4.3 |
| | Point of View | RL.4.6 |
| | Make Connections | RL.4.7 |
| | <Coachez><br>Written Response 2 | RL.4.1<br>RL.4.2<br>RL.4.3 |
| | Compare and Contrast | RL.4.9 |
| Reading: Informational Text | Main Idea and Key Details | RI.4.1<br>RI.4.2<br>RI.4.3 |
| | <Coachez><br>Written Response 1 | RI.4.1<br>RI.4.2<br>RI.4.3 |
| | Build Vocabulary | RI.4.4 |
| | Understand Text Structure | RI.4.5 |
| | Point of View | RI.4.6 |
| | <Coachez><br>Written Response 2 | RI.4.1<br>RI.4.2<br>RI.4.3 |
| | Interpret Information | RI.4.7<br>RI.4.8 |
| | Integrate Information | RI.4.9 |
| Grammar | Pronouns | L.4.1.A |
| | Verbs | L.4.1.B<br>L.4.1.C |
| | Modifiers | L.4.1.D |
| | Prepositions | L.4.1.E |
| | Types of Sentences | L.4.1.F |
| | Capitalization and Punctuation | L.4.2.A<br>L.4.2.B<br>L.4.2.C |

| Grade 5 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Reading: Literature | Theme and Story Details | RL.5.1<br>RL.5.2<br>RL.5.3 |
| | <Coachez><br>Written Response 1 | RL.5.1<br>RL.5.2<br>RL.5.3 |
| | Build Vocabulary | RL.5.4 |
| | Understand Text Structure | RL.5.5 |
| | Point of View | RL.5.6 |
| | <Coachez><br>Written Response 2 | RL.5.1<br>RL.5.2<br>RL.5.3 |
| | Make Connections | RL.5.7 |
| | Compare and Contrast | RL.5.9 |
| Reading: Informational Text | Main Idea and Details | RI.5.1<br>RI.5.2<br>RI.5.3 |
| | Build Vocabulary | RI.5.4 |
| | <Coachez><br>Written Response 1 | RI.5.1<br>RI.5.2<br>RI.5.3 |
| | Compare and Contrast: Structure | RI.5.5 |
| | Compare and Contrast: Point of View | RI.5.6 |
| Reading: Informational Text | <Coachez><br>Written Response 2 | RI.5.1<br>RI.5.2<br>RI.5.3 |
| | Integrate Information | RI.5.7<br>RI.5.8<br>RI.5.9 |
| Grammar | Perfect Verb Tenses | L.5.1.B |
| | Verb Tenses | L.5.1.C<br>L.5.1.D |
| | Conjunctions | L.5.1.E |
| | Function | L.5.1.A |
| | Punctuation | L.5.2.A<br>L.5.2.B<br>L.5.2.C<br>L.5.2.D |

# SmileZemi Curriculum <Grade 1-5 Word Study>

- Curriculum is subject to change without notice.
- Some Topics include CCSS domains other than the Grade, but the words they cover are Grade-level.
- Topics corresponding to RF.1.3 do not include RF.1.3.F.

| Grade 1 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Syllable & Rhyming | Syllable | RF.1.3 |
| | Rhyming | RF.K.2.C |
| Blending & Segmenting | Blending and Segmenting | RF.1.2.D |
| Beginning Consonants | Beginning Consonants | RF.1.3 |
| Phonics & Spelling | Short Vowels | RF.1.3 |
| | Consonant Blends | RF.1.3 |
| | Consonant Blends and Double Consonants | RF.1.3 |
| | Digraphs and Soft c/g | RF.1.3 |
| | Long Vowels: Final -e | RF.1.3 |
| | Long Vowel Teams | RF.1.3 |
| | R Controlled Vowels | RF.1.3 |
| | Vowel Digraphs | RF.1.3 |
| Sight Words & Irregular Words | Sight Words | RF.K.3.C |
| | Silent Letters and Irregular Words | RF.1.3 |
| Vocabulary | Compound Words and Homophones | L.2.4.D |
| | Synonyms and Antonyms | L.4.5.C |
| | Prefixes and Suffixes | RF.2.3.D<br>L.2.4.B |
| | Categories and Context Clues | RF.1.4.C<br>L.1.4.A<br>L.1.5.A<br>L.1.5.B |
| | Shades of meaning | L.1.5.D |

| Grade 2 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Syllable | Syllable | RF.1.3 |
| Phonics & Spelling | Short Vowels | RF.1.3 |
| | Consonant Blends | RF.1.3 |
| | Consonant Blends and Double Consonants | RF.1.3 |
| | Digraphs and Soft c/g | RF.1.3 |
| | Long Vowels: Final -e | RF.1.3 |
| | Long Vowel Teams | RF.1.3 |
| | Vowel Digraphs | RF.1.3 |
| | R Controlled Vowels | RF.1.3 |
| Sight Words & Irregular Words | Sight Words | RF.K.3.C |
| | Silent Letters and Irregular Words | RF.1.3 |
| Vocabulary | Compound Words and Homophones | L.2.4.D<br>L.2.4.C |
| | Prefixes and Suffixes | RF.2.3.D<br>L.2.4.B |
| | Context Clues | RF.2.4.C<br>L.2.4.A |
| | Shades of meaning | L.2.5.B |

| Grade 3 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Phonics & Spelling | Short Vowel Sounds & Long Vowel Sounds | RF.1.3 |
| | Long Vowel Teams | RF.1.3 |
| | Syllable 1 | RF.1.3 |
| | Syllable 2 | RF.1.3 |
| | Consonant Blends | RF.1.3 |
| | Consonant Blends and Double Consonants | RF.1.3 |
| Phonics & Spelling | Final Digraphs | RF.1.3 |
| | Digraphs and Soft c/g | RF.1.3 |
| | Vowel Digraphs | RF.1.3 |
| | R Controlled Vowels | RF.1.3 |
| | Silent Letters and Irregular Words | RF.1.3 |
| Vocabulary | Prefixes | L.3.4.B |
| | Suffixes | L.3.4.B |
| | Context Clues | RF.3.4.C<br>L.3.4.A |
| | Shades of meaning | L.3.5.C |

| Grade 4 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Vocabulary | Prefixes 1 | L.4.4.B |
| | Prefixes 2 | L.4.4.B |
| | Prefixes 3 | L.4.4.B |
| | Suffixes 1 | L.4.4.B |
| | Suffixes 2 | L.4.4.B |
| | Suffixes 3 | L.4.4.B |
| | Root Words | L.4.4.B |
| | Synonyms and Antonyms | L.4.5.C |
| | Shades of meaning | L.3.5.C |
| | Context Clues | RF.4.4.C<br>L.4.4.A |
| Phonics & Spelling | Short Vowel Sounds & Long Vowel Sounds | RF.1.3 |
| | Long Vowel Teams | RF.1.3 |
| | Consonant Blends | RF.1.3 |
| | Consonant Blends and Double Consonants | RF.1.3 |
| | Final Digraphs and Soft c/g | RF.1.3 |
| | Vowel Digraphs | RF.1.3 |
| | R Controlled Vowels | RF.1.3 |

| Grade 5 | | |
|---|---|---|
| Field | Topic | Common Core State Standards |
| Vocabulary | Prefixes 1 | L.5.4.B |
| | Prefixes 2 | L.5.4.B |
| | Prefixes 3 | L.5.4.B |
| | Suffixes 1 | L.5.4.B |
| | Suffixes 2 | L.5.4.B |
| | Suffixes 3 | L.5.4.B |
| | Root Words 1 | L.5.4.B |
| | Root Words 2 | L.5.4.B |
| | Context Clues | RF.5.4.C<br>L.5.4.A |
| | Synonyms and Antonyms | L.5.5.C |
| | Shades of meaning | L.3.5.C |
| Phonics & Spelling | Short Vowel Sounds & Long Vowel Sounds | RF.1.3 |
| | Long Vowel Teams | RF.1.3 |
| | Consonant Blends | RF.1.3 |
| | Digraphs and Double Consonants | RF.1.3 |
| | Vowel Digraphs | RF.1.3 |
| | R Controlled Vowels | RF.1.3 |

# SmileZemi Curriculum <Grade 1-5 Science>

- Curriculum is subject to change without notice.
- Engineering Design standards (K-2-ETS1, 3-5-ETS1) are integrated into the relevant topics and collectively addressed across Grades 1–2 and Grades 3–5.
- New content will be added in February and April 2027. There is no additional charge for this update.

## Grade 1

| Field | Topic | Next Generation Science Standards | Available |
|---|---|---|---|
| Science Foundations | Science Explorers: Discover & Be Safe | - | |
| | Intro to CER: Claims, Evidence, and Reasoning | - | |
| Physical Science | Sound and Vibrations | 1-PS4-1 | |
| | Light and Darkness | 1-PS4-2 | February, 2027 |
| | Light and Materials | 1-PS4-3 | February, 2027 |
| | Communication with Light and Sound | 1-PS4-4<br>K-2-ETS1-1<br>K-2-ETS1-2<br>K-2-ETS1-3 | April, 2027 |
| Life Science | Plant and Animal External Parts | 1-LS1-1<br>K-2-ETS1-1<br>K-2-ETS1-2<br>K-2-ETS1-3 | |
| | Parent and Offspring Behaviors | 1-LS1-2 | February, 2027 |
| | Inheritance of Traits | 1-LS3-1 | April, 2027 |
| Earth and Space Science | Patterns of the Sun, Moon, and Stars | 1-ESS1-1 | |
| | Seasonal Daylight Patterns | 1-ESS1-2 | April, 2027 |

## Grade 2

| Field | Topic | Next Generation Science Standards | Available |
|---|---|---|---|
| Science Foundations | Science Explorers: Discover & Be Safe | - | |
| | Intro to CER: Claims, Evidence, and Reasoning | - | |
| Physical Science | Properties of Matter | 2-PS1-1 | |
| | Material Testing and Analysis | 2-PS1-2<br>K-2-ETS1-1<br>K-2-ETS1-2<br>K-2-ETS1-3 | April, 2027 |
| | Building and Disassembling Objects | 2-PS1-3 | February, 2027 |
| | Reversible and Irreversible Changes | 2-PS1-4 | April, 2027 |
| Life Science | Plant Needs for Sunlight and Water | 2-LS2-1 | |
| | Seed Dispersal and Pollination | 2-LS2-2<br>K-2-ETS1-1<br>K-2-ETS1-2<br>K-2-ETS1-3 | February, 2027 |
| | Diversity of Living Things | 2-LS4-1 | April, 2027 |
| Earth and Space Science | Rapid and Slow Earth Changes | 2-ESS1-1 | February, 2027 |
| | Wind and Water Erosion | 2-ESS2-1<br>K-2-ETS1-1<br>K-2-ETS1-2<br>K-2-ETS1-3 | |
| | Maps of Land and Water | 2-ESS2-2 | February, 2027 |
| | Forms of Water on Earth | 2-ESS2-3 | April, 2027 |

## Grade 3

| Field | Topic | Next Generation Science Standards | Available |
|---|---|---|---|
| Science Foundations | Scientific Inquiry: Thinking & Lab Safety | - | |
| | Mastering CER: Claims, Evidence, and Reasoning | - | |
| Physical Science | Balanced and Unbalanced Forces | 3-PS2-1 | April, 2027 |
| | Motion and Predictable Patterns | 3-PS2-2 | February, 2027 |
| | Electric and Magnetic Interactions | 3-PS2-3 | |
| | Magnets and Problem Solving | 3-PS2-4<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |
| Life Science | Plant and Animal Life Cycles | 3-LS1-1 | |
| | Group Behavior and Survival | 3-LS2-1 | |
| | Inherited Traits and Variation | 3-LS3-1 | February, 2027 |
| | Environmental Effects on Traits | 3-LS3-2 | April, 2027 |
| | Fossils and Ancient Environments | 3-LS4-1 | February, 2027 |
| | Variations and Survival Advantages | 3-LS4-2 | February, 2027 |
| | Adaptation | 3-LS4-3 | February, 2027 |
| Life Science | Environmental Changes and Solutions | 3-LS4-4<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |
| Earth and Space Science | Weather Data and Patterns | 3-ESS2-1 | |
| | World Climates and Regions | 3-ESS2-2 | February, 2027 |
| | Natural Hazards and Safety | 3-ESS3-1<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |

## Grade 4

| Field | Topic | Next Generation Science Standards | Available |
|---|---|---|---|
| Science Foundations | Scientific Inquiry: Thinking & Lab Safety | - | |
| | Mastering CER: Claims, Evidence, and Reasoning | - | |
| Physical Science | Speed and Energy | 4-PS3-1 | |
| | Energy Transfer | 4-PS3-2 | February, 2027 |
| | Collisions and Energy | 4-PS3-3 | |
| | Energy Conversion Devices | 4-PS3-4<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |
| | Wave Properties and Patterns | 4-PS4-1 | February, 2027 |
| | Light Reflection and Vision | 4-PS4-2 | April, 2027 |
| | Information Transfer and Codes | 4-PS4-3 | April, 2027 |
| Life Science | Internal and External Plant and Animal Structures | 4-LS1-1 | |
| | Information Processing and Senses | 4-LS1-2<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | February, 2027 |
| Earth and Space Science | Rock Layers and Earth History | 4-ESS1-1 | April, 2027 |
| | Weathering and Erosion | 4-ESS2-1 | February, 2027 |
| | Earth Features and Maps | 4-ESS2-2 | |
| | Renewable and Nonrenewable Energy Resources | 4-ESS3-1 | February, 2027 |
| | Natural Hazards and Mitigation | 4-ESS3-2<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |

## Grade 5

| Field | Topic | Next Generation Science Standards | Available |
|---|---|---|---|
| Science Foundations | Scientific Inquiry: Thinking & Lab Safety | - | |
| | Mastering CER: Claims, Evidence, and Reasoning | - | |
| Physical Science | Particle Model of Matter | 5-PS1-1 | February, 2027 |
| | Conservation of Matter | 5-PS1-2 | April, 2027 |
| | Material Identification and Properties | 5-PS1-3 | |
| | Chemical Reactions and Mixtures | 5-PS1-4<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |
| | Gravitational Force | 5-PS2-1 | February, 2027 |
| | Sun Energy and Food | 5-PS3-1 | February, 2027 |
| Life Science | Plant Growth from Air and Water | 5-LS1-1<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | |
| | Ecosystem Cycles and Food Webs | 5-LS2-1 | February, 2027 |
| Earth and Space Science | Brightness of Stars and Distance | 5-ESS1-1 | |
| | Shadows and Seasonal Star Movements | 5-ESS1-2 | April, 2027 |
| | Interaction of Earth Systems | 5-ESS2-1 | |
| | Water Distribution on Earth | 5-ESS2-2 | |
| | Human Impacts on Earth Systems | 5-ESS3-1<br>3-5-ETS1-1<br>3-5-ETS1-2<br>3-5-ETS1-3 | April, 2027 |

# SmileZemi Curriculum <Grade 1-5 Ninja Drill>

● Curriculum is subject to change without notice.

## Math

| Grade 1 | |
|---|---|
| Field | Topic |
| Calculation | Use Pictures to Add and Subtract |
| | Addition |
| | Subtraction |
| | Addition and Subtraction |
| | Numbers to 120 |
| | Compare Numbers |
| Measurement | Measurement |
| | Data |
| Geometry | Shapes |

| Grade 2 | |
|---|---|
| Field | Topic |
| Calculation | Numbers |
| | 1-Digit Addition and Subtraction |
| | 2-Digit Number Addition |
| | 2-Digit Number Subtraction |
| | 3-Digit Number Addition Part 1 |
| | 3-Digit Number Addition Part 2 |
| | 3-Digit Number Subtraction Part 1 |
| | 3-Digit Number Subtraction Part 2 |
| Measurement | Money and Time |
| | Lengths |
| | Data |
| Geometry | Shapes |

| Grade 3 | |
|---|---|
| Field | Topic |
| Calculation | Addition |
| | Subtraction |
| | Multiply by 2-7 |
| | Multiply by 1, 8, 9, 10, 11, 12 |
| | Divide by 1, 2, 5, 10 / Divide 0 |
| | Divide by 3, 4, 6, 7, 8, 9 |
| | Multiplication and Division |
| | Fractions |
| Measurement | Measurement |
| | Perimeter and Area |
| | Data |
| Geometry | Geometry Part 1 |
| | Geometry Part 2 |

| Grade 4 | |
|---|---|
| Field | Topic |
| Calculation | Addition and Subtraction |
| | Multiplication Part 1 |
| | Multiplication Part 2 |
| | Division Part 1 |
| | Division Part 2 |
| | Division with Remainders |
| | Algebra |
| | Fractions |
| | Make Simplest Form and Rename |
| | Like Fractions |
| | Fractions Addition and Subtraction with Rename |
| | Fractions Multiplication |
| | Decimals |
| Measurement | Measurement |
| | Area and Angles |
| Geometry | Geometry Part 1 |
| | Geometry Part 2 |

| Grade 5 | |
|---|---|
| Field | Topic |
| Calculation | Numbers |
| | Multiplication Part 1 |
| Calculation | Multiplication Part 2 |
| | Division |
| | Division with Remainder |
| | Decimals |
| | Decimal Addition and Subtraction |
| | Decimal Multiplication Part 1 |
| | Decimal Multiplication Part 2 |
| | Decimal Division |
| | Add and Subtract Fractions |
| | Number and Operations |
| | Add and Subtract Mixed Numbers |
| | Fraction Multiplication and Division |
| | Mixed Number Multiplication |
| Measurement | Measurement |
| | Volume |
| Geometry | Ordered Pairs |
| | Two-Dimensional Figures |

## Grammar

| Grade 1 | |
|---|---|
| Field | Topic |
| Punctuation | Punctuation |
| Words | Nouns |
| | Pronouns |
| | Adjectives |
| | Prepositions |
| Sentences | Verbs |
| | Conjunctions |

| Grade 2 | |
|---|---|
| Field | Topic |
| Punctuation | Punctuation |
| Words | Nouns |
| | Pronouns |
| | Adverbs and Adjectives |
| Sentences | Verbs |

| Grade 3 | |
|---|---|
| Field | Topic |
| Punctuation | Punctuation |
| Words | Nouns |
| | Comparative and Superlative Form |
| Sentences | Verbs |
| | Conjunctions |
| | Function |
| | Agreement |

| Grade 4 | |
|---|---|
| Field | Topic |
| Punctuation | Capitalization |
| Words | Modifiers |
| | Relative Pronouns and Relative Adverbs |
| Sentences | Verbs |
| | Fragments and Run-On Sentences |

| Grade 5 | |
|---|---|
| Field | Topic |
| Punctuation | Commas |
| | Titles |
| Sentences | Verbs |
| | Conjunctions |
| | Function |