Heinemann Publishing **Math in Practice –** *Teaching First-Grade Math*

Summary of grade 1 module alignment with CCSS **Organized by Math in Practice module**

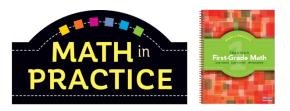


Math in Practice Teaching First-Grade Math Module	Common Core State Standard(s)
Module 1 – Exploring Addition Word Problems with Sums to 20	1.OA.A.1 1.OA.A.2
Module 2 – Connecting Subtraction and Addition to Solve Word Problems	1.OA.A.1 1.OA.B.3 1.OA.B.4
Introduction to Math Facts Instruction	1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8
Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0	1.OA.A.1 1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8
Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2	1.OA.A.1 1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8
Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10	1.OA.A.1 1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8
Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles	1.OA.A.1 1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8

Math in Practice Teaching First-Grade Math Module	Common Core State Standard(s)
Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten	1.OA.A.1 1.OA.B.3 1.OA.B.4 1.OA.C.5 1.OA.C.6 1.OA.D.7 1.OA.D.8
Module 8 – Counting and Understanding Place Value	1.NBT.A.1 1.NBT.B.2 1.NBT.B.3
Module 9 – Exploring Addition and Subtraction with a 2-Digit Number	1.NBT.C.4 1.NBT.C.5 1.NBT.C.6
Module 10 – Measuring Lengths with Indirect Comparisons	1.MD.A.1 1.MD.A.2
Module 11 – Telling Time to the Hour and Half Hour	1.MD.B.3
Module 12 – Working with Money	Foundational money concepts in preparation for second grade CCSS
Module 13 – Representing and Interpreting Data	1.MD.C.4
Module 14 – Understanding and Describing Shapes and Defining Attributes	1.G.A.1 1.G.A.2
Module 15 – Partitioning Shapes into Halves and Fourths	1.G.A.3

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Summary of grade 1 module alignment with CCSS **Organized by Common Core State Standard**



Common Core State Standard	Math in Practice Teaching First-Grade Math Module(s)
1.OA.A.1	Module 1 – Exploring Addition Word Problems with Sums to 20 Module 2 – Connecting Subtraction and Addition to Solve Word Problems Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.OA.A.2	Module 1 – Exploring Addition Word Problems with Sums to 20
1.OA.B.3	 Module 2 – Connecting Subtraction and Addition to Solve Word Problems <i>Introduction to Math Facts Instruction</i> Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.OA.B.4	 Module 2 – Connecting Subtraction and Addition to Solve Word Problems Introduction to Math Facts Instruction Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: -/-10 Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.0A.C.5	Introduction to Math Facts Instruction Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten



Common Core State Standard	Math in Practice Teaching First-Grade Math Module(s)
1.OA.C.6	Introduction to Math Facts Instruction Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.OA.D.7	Introduction to Math Facts Instruction Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.OA.D.8	Introduction to Math Facts Instruction Module 3 – Building Understanding and Fluency with Basic Math Facts: Expanding on +/-1, +/-0 Module 4 – Building Understanding and Fluency with Basic Math Facts: +/-2 Module 5 – Building Understanding and Fluency with Basic Math Facts: +/-10 Module 6 – Building Understanding and Fluency with Basic Math Facts: Doubles Module 7 – Building Understanding and Fluency with Basic Math Facts: Making Ten
1.NBT.A.1	Module 8 – Counting and Understanding Place Value
1.NBT.B.2	Module 8 – Counting and Understanding Place Value
1.NBT.B.3	Module 8 – Counting and Understanding Place Value
1.NBT.C.4	Module 9 – Exploring Addition and Subtraction with a 2-Digit Number
1.NBT.C.5	Module 9 – Exploring Addition and Subtraction with a 2-Digit Number
1.NBT.C.6	Module 9 – Exploring Addition and Subtraction with a 2-Digit Number
1.MD.A.1	Module 10 – Measuring Lengths with Indirect Comparisons
1.MD.A.2	Module 10 – Measuring Lengths with Indirect Comparisons
1.MD.B.3	Module 11 – Telling Time to the Hour and Half Hour



Common Core State Standard	Math in Practice Teaching First-Grade Math Module(s)
1.MD.C.4	Module 13 – Representing and Interpreting Data
1.G.A.1	Module 14 – Understanding and Describing Shapes and Defining Attributes
1.G.A.2	Module 14 – Understanding and Describing Shapes and Defining Attributes
1.G.A.3	Module 15 – Partitioning Shapes into Halves and Fourths

