Main Criteria: MathStart Set Levels 1, 2, 3

Secondary Criteria: Common Core State Standards

Subjects: Language Arts, Mathematics, Science

Grades: 1, 2, 3

MathStart Set Levels 1, 2, 3

Math Start – Level 2
Summary:

Common Core State Standards

Mathematics

Grade **1** - Adopted: **2010**

STRAND / DOMAIN	**CCSS.Math.Practice**	**Mathematical Practices**
CATEGORY / CLUSTER	**CCSS.Math.Practice.MP2**	**Reason abstractly and quantitatively.**
CATEGORY / CLUSTER	**CCSS.Math.Practice.MP4**	**Model with mathematics.**
CATEGORY / CLUSTER	**CCSS.Math.Practice.MP6**	**Attend to precision.**
CATEGORY / CLUSTER	**CCSS.Math.Practice.MP7**	**Look for and make use of structure.**
STRAND / DOMAIN	**CCSS.Math.Content.1.OA**	**Operations and Algebraic Thinking**
CATEGORY / CLUSTER	**CCSS.Math.Content.1.OA.B**	**Understand and apply properties of operations and the relationship between addition and subtraction.**
STANDARD	**CCSS.Math.Content.1.OA.B.4**	**Understand subtraction as an unknown-addend problem. For example, subtract 10 - 8 by finding the number that makes 10 when added to 8.**
STRAND / DOMAIN	**CCSS.Math.Content.1.OA**	**Operations and Algebraic Thinking**
CATEGORY / CLUSTER	**CCSS.Math.Content.1.OA.C**	**Add and subtract within 20.**
STANDARD	**CCSS.Math.Content.1.OA.C.6**	**Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., 8 + 6 = 8 + 2 + 4 = 10 + 4 = 14); decomposing a number leading to a ten (e.g., 13 - 4 = 13 - 3 - 1 = 10 - 1 = 9); using the relationship between addition and subtraction (e.g., knowing that 8 + 4 = 12, one knows 12 - 8 = 4); and creating equivalent but easier or known sums (e.g., adding 6 + 7 by creating the known equivalent 6 + 6 + 1 = 12 + 1 = 13).**
STRAND / DOMAIN	**CCSS.Math.Content.1.NBT**	**Number and Operations in Base Ten**
CATEGORY / CLUSTER	**CCSS.Math.Content.1.NBT.C**	**Use place value understanding and properties of operations to add and subtract.**

STANDARD	CCSS.Math.Content.1.NBT.C.4	Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.
STRAND / DOMAIN	CCSS.Math.Content.1.MD	Measurement and Data
CATEGORY / CLUSTER	CCSS.Math.Content.1.MD.C	Represent and interpret data.
STANDARD	CCSS.Math.Content.1.MD.C.4	Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.
STRAND / DOMAIN	CCSS.Math.Content.1.G	Geometry
CATEGORY / CLUSTER	CCSS.Math.Content.1.G.A	Reason with shapes and their attributes.
STANDARD	CCSS.Math.Content.1.G.A.3	Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.

Common Core State Standards

Mathematics

Grade **2** - Adopted: **2010**

STRAND / DOMAIN	CCSS.Math.Practice	Mathematical Practices
CATEGORY / CLUSTER	CCSS.Math.Practice.MP2	Reason abstractly and quantitatively.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP4	Model with mathematics.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP6	Attend to precision.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP7	Look for and make use of structure.
STRAND / DOMAIN	CCSS.Math.Content.2.OA	Operations and Algebraic Thinking
CATEGORY / CLUSTER	CCSS.Math.Content.2.OA.B	Add and subtract within 20.
STANDARD	CCSS.Math.Content.2.OA.B.2	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
STRAND / DOMAIN	CCSS.Math.Content.2.NBT	Number and Operations in Base Ten
CATEGORY / CLUSTER	CCSS.Math.Content.2.NBT.B	Use place value understanding and properties of operations to add and subtract.
STANDARD	CCSS.Math.Content.2.NBT.B.5	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
STANDARD	CCSS.Ma	Add up to four two-digit numbers using strategies based on place value and

	th.Content.2.NBT.B.6	properties of operations.
STANDARD	CCSS.Math.Content.2.NBT.B.7	Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.
STANDARD	CCSS.Math.Content.2.NBT.B.9	Explain why addition and subtraction strategies work, using place value and the properties of operations.
STRAND / DOMAIN	CCSS.Math.Content.2.G	Geometry
CATEGORY / CLUSTER	CCSS.Math.Content.2.G.A	Reason with shapes and their attributes.
STANDARD	CCSS.Math.Content.2.G.A.1	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
STANDARD	CCSS.Math.Content.2.G.A.3	Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.

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