

New York State Next Generation Mathematics Learning Standards

Grade 2 Crosswalk

Operations and Algebraic Thinking

Cluster	NYS P-12 CCLS	NYS Next Generation Learning Standard
<p>Represent and solve problems involving addition and subtraction.</p>	<p>2.OA.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.</p>	<p>NY-2.OA.1a Use addition and subtraction within 100 to solve one-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.</p> <p>e.g., using drawings and equations with a symbol for the unknown number to represent the problem.</p> <p>NY-2.OA.1b Use addition and subtraction within 100 to develop an understanding of solving two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.</p> <p>e.g., using drawings and equations with a symbol for the unknown number to represent the problem.</p>
<p>Add and subtract within 20.</p>		<p>ntal</p> <p>strategies. Strategies could include:</p> <ul style="list-style-type: none"> • counting on; • making ten; • decomposing a number leading to a ten; • using the relationship between addition and subtraction; and • creating equivalent but easier or known sums. <p>Note: Fluency involves a mixture of just knowing some answers, knowing some answers from patterns, and knowing some answers from the use of strategies.</p> <p>NY-2.OA.2b Know from memory all sums within 20 of two one-digit numbers.</p>

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<p>Work with equal groups of objects to gain foundations for multiplication.</p>	<p>2.OA.3 Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2’s; write an equation to express an even number as a sum of two equal addends.</p>	<p>NY-2.OA.3a Determine whether a group of objects (up to 20) has an odd or even number of members. e.g., by pairing objects or counting them by 2’s.</p> <p>NY-2.OA.3b Write an equation to express an even number as a sum of two equal addends.</p>
	<p>2.OA.4 Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.</p>	<p>NY-2.OA.4 Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns. Write an equation to express the total as a sum of equal addends.</p>

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Number and Operations in Base Ten

Cluster	NYS P-12 CCLS	NYS Next Generation Learning Standards
Understand place value.	2.NBT.1	

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Measurement and Data

Cluster

NYS P

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Grade 2 Crosswalk

Geometry

Cluster