



Ready Rosie Common Core Math & Literacy Alignment

	Big Ideas	Kindergarten	First Grade	Second Grade	Third Grade
Develop Number Sense	Understand Reasonableness	<i>Blow Your House Down</i> K.MD.1, K.MD.2	<i>When 5 is Big</i> Mathematical Practice 2	<i>Is it Reasonable?</i> Mathematical Practice 2, 2.NBT.4	<i>That's Crazy</i> Mathematical Practice 2
	Algebraic Thinking	<i>Finish my Set</i> K.OA.2	<i>Where Did I Start?</i> 1.OA.1, 1.OA.8	<i>Input and Output</i> 2.OA.1	<i>Parts Unknown</i> 3.OA.4
	Estimation (related to measurement)	<i>In Ten Seconds</i> K.CC.3, K.CC.4, K.CC.6	<i>Measure Your Steps</i> 1.MD.2	<i>Three Questions</i> 2.MD.3	<i>Cooking Estimation</i> 3.MD.2
Develop Meanings for Operations	Create word problems	<i>In My Pond, Part 1</i> K.OA.1, K.OA.2	<i>Restaurant Story Problems</i> 1.OA.1, 1.OA.2	<i>What's the Question?</i> 2.OA.1, 2.OA.2	<i>The Answer Is</i> 3.NBT.2
	Solve word problems	<i>Putting Away Dishes</i> K.OA.1, K.OA.2	<i>The Final Price Is</i> 1.OA.1, 1.OA.2	<i>Table Times</i> 2.OA.4	<i>Price per Pound</i> 3.OA.1
Build Strategies for Whole-Number Computation	Mental Math	<i>One Less</i> K.OA.1, K.OA.2	<i>Ten More</i> 1.NBT.5, 1.OA.5	<i>One Hundred More</i> 2.NBT.2, 2.NBT.8	<i>Now is the Time</i> 3.MD.1
	Composing and decomposing numbers	<i>What's Left?</i> K.NBT.1	<i>Stacking Pennies</i> 1.NBT.2, 1.NBT.4	<i>What's in a Dollar?</i> 2.MD.8	<i>Broken Calculator Keys</i> 3.NBT.2, 3.OA.8
	Flexibility with numbers	<i>Give Me Five</i> K.OA.3	<i>Ten Scoops</i> 1.OA.2, 1.OA.3, 1.OA.6	<i>All About My Number</i> 2.NBT.1, 2.NBT.3	<i>An Array of Brownies</i> 3.OA.1, 3.OA.3
Develop Whole-Number and Place-Value Concepts	Compare and order numbers	<i>Biggest Number</i> K.CC.7	<i>Greater Than</i> 1.NBT.3	<i>Less Than</i> 2.NBT.4	<i>Round Showdown</i> 3.NBT.1
	Represent numbers	<i>Three Ways to Show a Number</i> K.CC.3	<i>I'm Thinking of a Number</i> 1.NBT.3	<i>Mystery Number</i> 2.NBT.1	<i>Fractions on a Number Line</i> 3.NF.2a
	Number Relationships	<i>More or Less</i> K.CC.6	<i>How many Tens in 50?</i> 1.NBT.2	<i>Even or Odd?</i> 2.OA.3	<i>Say It a Different Way</i> 3.OA.1

Master the Basic Facts	Build Fluency	<i>Cats and Dogs</i> K.CC.3, K.OA.2	<i>Double Up</i> 1.OA.6	<i>Coupon Savings</i> 2.NBT.6	<i>Product Practice</i> 3.OA.7
	Automaticity	<i>Quick Dots</i> K.CC.5	<i>Domino Addition</i> 1.OA.5, 1.OA.6	<i>Domino Subtraction</i> 2.OA.2, 1.5G	<i>Domino Division</i> 3.OA.4, 3.OA.6
Shapes and Fractions	Attributes of Shapes	<i>Is it a Triangle?</i> K.G.2, K.G.5	<i>Canned</i> 1.G.2	<i>Mystery Shape</i> 2.G.1	<i>Shape Up!</i> 3.NF.1, 3.G.2
	Partition Fractions	<i>Making Trail Mix</i> K.MD.2	<i>Folding Napkins</i> 1.G.3	<i>Counting Fractions</i> 2.G.3	<i>Sharing an Apple</i> 3.NF.3

Research Base:

- Van de Walle, Lovin, Karp, and Bay-Williams (2014) Teaching student-centered mathematics: Developmentally appropriate instruction for grades PreK-2. Upper Saddle River, NJ: Pearson.
- Kirkpatrick, Swafford, and Findell (2001) Adding it up: Helping children learn mathematics. Washington, DC: National Academy of Sciences.

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	Big Idea Strands	Kindergarten	First Grade	Second Grade	Third Grade
Reading with Understanding	Making Predictions	Picture Walk Predictions RL.K.1, L.K.1d, RL.K.3, RL.K.7	Preview and Predict RL.1.1	Reading is Thinking RL.2.1	Read a Little, Think a Little RL.3.1
	Visualizing	Act It Out RL.K.1, RL.K.3	Seeing the Story RL.1.2, RL.1.3, RL.1.4, RL.1.7	Can You See It? RL.2.1	It's All In Your Head RL.3.1
	Summarizing	Retelling the Story RL.K.2, RL.K.3, W.K.3, SL.K.2	Retelling the Fable RL.1.2	Summarizing the Story RL.2.2, RL.2.5	Sequence and Summarize RL.3.2, RL.3.3
	Understanding Characters	Making Connections RL.K.3, RL.K.9	Character Connection RL.1.3, RL.1.4, RL.1.7, RL.1.9	Character Comparison RL.2.1, RL.2.3	Character Chat RL.3.1, RL.3.3
	Using Text Features	Getting Info from Pictures RI.K.1, RI.K.2, RI.K.7	Getting Into Information L.1.5, RI.1.5	Finding Information RI.2.5, RI.2.6	Comprehension Clues RI.3.5, RI.3.7
	Asking Questions	Book Cover Conversations RI.K.1, RI.K.2, RI.K.5, RI.K.6	What Do You Want to Know? RI.1.1, RI.1.2	What Do You Wonder? RI.2.1, RI.2.6	What Will You Learn? RI.3.1
	Examining Author's Purpose & Craft	Funny Reading RL.K.5, RL.K.6, RL.K.7	What Was That For? RL.1.4	Let's Look Closer RL.2.4	Authors Make Choices RL.3.4
	Reading Fluently	You Know It! RF.K.1.A, RF.K.1.C, RF.K.3.C, RF.K.4	Read Like You Talk RL.1.10, RF.1.4.B	Reading Dialogue RF.2.4.A, RF.2.4.B	Made You Laugh RF.3.4
Playing with words	Segmenting Sounds and Syllables	Pushing for Sounds RF.K.1.B, RF.K.2.D	Looking for Chunks RF.1.3	Thinking About Chunks RF.2.3.B	Shopping for Syllables RF.3.3.C
	Recognizing Spelling Patterns	Tongue Twister Time RF.K.2.D, RF.K.3.A	Begin with the End RF.1.2.C	Change One Letter L.2.2.D	Spelling Pattern Game L.3.2.F
Growing vocabulary	Connecting Words	Guess the Group L.K.5.A	Words to Chew On L.1.5.D	Million Dollar Words L.2.5.A, L.2.5.B	Category Competition L.3.5.B, L.3.5.C
	Determining Meaning of Words in Text	Think About It RL.K.4, SL.K.3	What Does It Mean? RI.1.4A	Wondering about Words L.2.4.A, RI.2.4	Word Detective L.3.4.A, RI.3.4
	Using Word Parts	Take It Away L.K.5.C	Playground Compounds L.1.4.B	Unpacking Prefixes L.2.4.B	Understanding Big Words RF.3.3.A, L.3.4.B, L.3.4.C
Writing for communication	Writing Narratives	A Memorable Story W.K.3	Remember this Story? W.1.3	Sketching the Story W.2.3	A Really Good Story W.3.3.A, W.3.3.B, W.3.3.C, W.3.3.D
	Writing Expository and Procedural Texts	I Know All About W.K.2	Tell Me How W.1.2	Please Can I...? W.2.1	Take a Stand W.3.1.A, W.3.1.B, W.3.1.C, W.3.1.D

Research Base:

Allington, R. L. (2012) Summer reading: closing the rich/poor reading achievement gap. New York: Teachers College Press.

Allington, R. L. (2001) What really matters for struggling readers: Designing research-based programs. New York: Addison Wesley Longman.

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Keene, E. (2008) To understand : new horizons in reading comprehension. Portsmouth, NH : Heinemann