



Indiana State Kindergarten Math Standards Alignment to Starfall

NUMBER SENSE

Indiana Standards	Starfall Kindergarten Math Alignment
<p>K.NS.1: Count to at least 100 by ones and tens and count on by one from any number.</p>	<p>Teacher's Guide <i>Read Me First</i> p. 6 - Hundredth Day Chart Teacher's Guide <i>Read Me First</i> p. 9 - Backpack Bear's Math Games: Count to 100 Teacher's Guide p. 64 - Daily Routine: Number Line (daily) Teacher's Guide p. 108 - Daily Routines: Number Line (daily) Teacher's Guide p. 115 - Number Bundles Teacher's Guide p. 212 - Counting on from 10-20 Teacher's Guide p. 274 - Count by Fives and Tens Teacher's Guide p. 298 - Counting On Teacher's Guide p. 320 - Counting On from a Given Number Teacher's Guide p. 379 - Counting On Using the Number Line Teacher's Guide p. 546 - Counting on from 10 Teacher's Guide p. 560 - Counting On 100th Day of School Supplement pp. 2-4 - 100th Day of School Activities <i>Starfall.com:</i> Math: <i>Numbers</i> <i>Starfall.com:</i> Math: Add & Subtract: Place Value <i>Starfall.com:</i> Math: Kindergarten Mathematics Generators: Counting - Count to 100 <i>Starfall.com:</i> Math: Numbers: Train</p>
<p>K.NS.2: Write whole numbers from 0 to 20 and recognize number words from 0 to 10. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).</p>	<p>Teacher's Guide pp. 199 - 248 - Unit 5: Troublesome Teens Teacher's Guide pp. 246-247 - Introduce 20 Teacher's Guide p. 248 - Learning Centers: Computer Teacher's Guide p. 248 - Learning Centers: A Walk in the Park Teacher's Guide p. 249 - Learning Centers: Dot-to-Dot (1-20) Teacher's Guide pp. 546-547 - Numbers 10-20 Backpack Bear's Math Workbook 1 - Numbers 1 - 20</p>
<p>K.NS.3: Find the number that is one more than or one less than any whole number up to 20.</p>	<p>Teacher's Guide p. 128 - Less Than Teacher's Guide p. 130 - One Less Teacher's Guide p. 132 - One More Teacher's Guide p. 210 - Before</p>

	<p>Teacher's Guide p. 212 - After Teacher's Guide p. 265 - Number Sense Teacher's Guide p. 284 - One Less Teacher's Guide p. 286 - One More Teacher's Guide p. 288 - One Less Teacher's Guide p. 342 - One More/One Less</p>
<p>K.NS.4: Say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of their arrangement or the order in which they were counted.</p>	<p>Teacher's Guide <i>Read Me First</i> p. 9 - Backpack Bear's Math Games - "Race to 20" Teacher's Guide p. 87 - Using Math Strategies Teacher's Guide pp. 87-88 - The Number Seven Teacher's Guide p.92 - Learning Centers: Ways to Represent Numbers Teacher's Guide pp. 109-110 - One-to-One Correspondence and the Number Nine Teacher's Guide pp.112-113 - The Number Zero Teacher's Guide p. 116 - Formative Assessment Teacher's Guide p.120 - Learning Centers: Number Activity Mats Teacher's Guide p. 282 - Seeing Number Patterns Teacher's Guide pp. 318-319 - Number Representations 1-5 Teacher's Guide p. 323 - Match Dominoes to Number Cards Teacher's Guide pp. 323-324 - Number Representations 6-10 <i>Starfall.com:</i> Math: Numbers <i>Starfall.com:</i> Math Songs <i>Starfall.com:</i> Math: Numbers: Count Cookies</p>
<p>K.NS.5: Count up to 20 objects arranged in a line, a rectangular array, or a circle. Count up to 10 objects in a scattered configuration. Count out the number of objects, given a number from 1 to 20.</p>	<p>Teacher's Guide p. 60 - Daily Routines: Number Line - "How Many Days Have We Been in School?" Teacher's Guide p. 277 - Learning Centers: Race to 20 Teacher's Guide pp. 354-356 - Arrays to 20 Teacher's Guide pp. 357-359 - Subitizing and Array Review Teacher's Guide p. 360 - Learning Center: Arrays</p>
<p>K.NS.6: Recognize sets of 1 to 10 objects in patterned arrangements and tell how many without counting.</p>	<p>Teacher's Guide p. 166 - Human Tally Marks Teacher's Guide p. 226 - Ten-Frame Flash Game Teacher's Guide p. 282 - Seeing Number Patterns Teacher's Guide p. 318 - Toss the Dice Teacher's Guide p. 329 - Summative Assessment: Number Patterns Teacher's Guide p. 336 - Tally Marks Teacher's Guide pp. 357-358 - Subitizing and Array Review</p>
<p>K.NS.7: Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group (e.g., by using matching and counting strategies).</p>	<p>Teacher's Guide p. 155 - Evaluate Most, Least, and Same Teacher's Guide pp. 156-158 - Greater Than and Less Than Teacher's Guide pp. 187-188 - Using Ten Frames to Demonstrate More Teacher's Guide p. 189 - Number Line Riddles Teacher's Guide p. 288 - One Less Teacher's Guide p. 342 - One More/One Less Teacher's Guide p. 415 - Pocket Chart Game Teacher's Guide p. 490 - Creating Equal Groups Teacher's Guide p. 633 - How Many More or Less?</p>

	Starfall.com: Math: Greater Than/Less Than
K.NS.8: Compare the values of two numbers from 1 to 20 presented as written numerals.	Teacher's Guide p. 128 - Less Than Teacher's Guide p. 132 - One More Teacher's Guide p. 155 - Evaluate Most, Least, and Same Teacher's Guide p. 186 - "Thumbs Up/Thumbs Down" Teacher's Guide p. 195 - Learning Centers: Banker, Customer - "High/Low" Teacher's Guide p. 265 - Number Sense Teacher's Guide p. 301 - Interpret Results Teacher's Guide p. 415 - Mystery Number Game Starfall.com: Math: Add & Subtract: Base Ten Practice
K.NS.9: Use correctly the words for comparison, including: one and many; none, some and all; more and less; most and least; and equal to, more than and less than.	Teacher's Guide p. 128 - Less Than Teacher's Guide p. 155 - Evaluate Most, Least, and Same Teacher's Guide p. 157 - Demonstrate Greater Than/Less Than Teacher's Guide p. 188 - Partner Share Teacher's Guide p. 301 - Interpret Results Teacher's Guide p. 342 - One More/One Less Teacher's Guide p. 351 - Greater Than Teacher's Guide p. 496 - Estimation and Comparison Teacher's Guide p. 498 - Length of Names Teacher's Guide pp. 500-501 - Measure Objects Teacher's Guide p. 514 - Use Measuring Tools Teacher's Guide p. 527 - Compare Teacher's Guide p. 528 - Evaluate Estimations
K.NS.10: Separate sets of ten or fewer objects into equal groups.	Teacher's Guide p. 378 - Different Ways to Make 5 Teacher's Guide p. 490 - Creating Equal Groups Teacher's Guide p. 492 - Divide Pennies into Honey Jar Banks Teacher's Guide p. 492 - Formative Assessment
K.NS.11: Develop initial understandings of place value and the base 10 number system by showing equivalent forms of whole numbers from 10 to 20 as groups of tens and ones using objects and drawings.	Teacher's Guide pp. 546-547 - Numbers 10-20 Teacher's Guide pp. 548-549 - Recognize Numbers and Sets of 10 to 20 Teacher's Guide pp. 550-551 - Teens Practice Teacher's Guide pp. 552-553 - Place Value Teacher's Guide p. 555 - Learning Centers: Summative Assessment Starfall.com: Math: Add & Subtract: Place Value Starfall.com: Math: Add & Subtract: Addition Within 20 Starfall.com: Math: Add & Subtract: Subtraction: Within 20 Starfall.com: Math: Add & Subtract: Compose/Decompose

COMPUTATION AND ALGEBRAIC THINKING

Indiana Standards	Starfall Kindergarten Math Alignment
K.CA.1: Use objects, drawings, mental images, sounds, etc., to represent addition and	Teacher's Guide p.112 - Story Problems Teacher's Guide p. 296 - Act It Out: Subtraction

<p>subtraction within 10.</p>	<p>Teacher's Guide pp. 374-375 - Introduction to Addition Teacher's Guide p. 376 - Using Addition Strategies to Solve Equations Teacher's Guide pp. 379-380 - Using a Number Line to Add Teacher's Guide pp. 381-383 - Acting It Out Teacher's Guide p. 417 - Partner to Solve Subtraction Problems Teacher's Guide pp. 428-429 - Little Boy Blue Story Problems Teacher's Guide pp. 430-431 - Subtraction Story Problem Teacher's Guide pp. 457-458 -Subtraction Starfall.com: Math: Add & Subtract: Math Helpers</p>
<p>K.CA.2: Solve real-world problems that involve addition and subtraction within 10 (e.g., by using objects or drawings to represent the problem).</p>	<p>Teacher's Guide pp. 377-378 - Using Counters and Ten-Frames Teacher's Guide pp. 382-383 - Create an Addition Story; Drawing Pictures Teacher's Guide p. 383 - Solve Number Stories Teacher's Guide p. 396 - Story Maps Teacher's Guide pp. 418-419 - Subtraction Practice Teacher's Guide pp. 420-421 - Five Little Teddy Bear Subtraction Teacher's Guide p. 422 - Learning Centers: Add and Subtract Starfall.com: Math: Addition & Subtraction: Addition Intro Starfall.com: Math:Addition & Subtraction: Addition Practice Starfall.com: Math:Addition & Subtraction: Addition Within 10 Starfall.com: Math:Addition & Subtraction: Subtraction Intro Starfall.com: Math:Addition & Subtraction: Subtraction Within 10 Starfall.com: Math:Add & Subtract: Word Problems Starfall.com: Math: Addition & Subtraction: Word Problems Add To: Change Unknown</p>
<p>K.CA.3: Use objects, drawings, etc., to decompose numbers less than or equal to 10 into pairs in more than one way, and record each decomposition with a drawing or an equation (e.g., $5 = 2 + 3$ and $5 = 4 + 1$). [In Kindergarten, students should see equations and be encouraged to trace them, however, writing equations is not required.]</p>	<p>Teacher's Guide pp. 350 - Number Bonds to 10 Teacher's Guide pp. 351-352 - Review Number Bonds Teacher Guide p. 353 - Write Equations for Ten Teacher's Guide p. 377 - Using Counters and Ten-Frames Teacher's Guide p. 384 - Learning Centers: Shake, Spill, and Add Teacher's Guide p. 400 - Create Addition Problems to 10 Teacher's Guide pp. 452-453 - Review Addition Teacher's Guide pp. 468-469 - Creating Addition and Subtraction Equations Teacher's Guide pp. 620-621 -Composing and Decomposing Numbers 6-10 Starfall.com: Math: Add & Subtract: Compose/Decompose Tens and Ones Starfall.com: Math: Add & Subtract: Math Helpers</p>
<p>K.CA.4: Find the number that makes 10 when added to the given number for any number from 1 to 9 (e.g., by using objects or drawings), and record the answer with a drawing or an equation.</p>	<p>Teacher's Guide p. 352 - Hanger Activity to 10 Teacher's Guide pp. 374-375 - Introduction to Addition Teacher's Guide pp. 381-383 - Act It Out! Teacher's Guide pp. 453-454 - Ways to Write an Addition Equation/Writing Equations/Solving Addition Equations Teacher's Guide p. 468 - Plus and Minus Game Teacher's Guide p. 474 - Addition and Subtraction Journal Page</p>

	<p>Teacher's Guide p. 508 - Missing Number Starfall.com: Math: Add & Subtract: Math Helpers Starfall.com: Math: Add & Subtract: Make 10 Numbers Starfall.com: Math: Make 10 Objects</p>
<p>K.CA.5: Create, extend, and give an appropriate rule for simple repeating and growing patterns with numbers and shapes.</p>	<p>Teacher's Guide p. 68 - ABC Patterns Teacher's Guide p. 118 - Pattern Review Teacher's Guide p. 119 - Making Patterns Teacher's Guide p. 119 - Formative Assessment Teacher's Guide p. 624 - Patterns Using Coins</p>

GEOMETRY

Indiana Standards	Starfall Kindergarten Math Alignment
<p>K.G.1: Describe the positions of objects and geometric shapes in space using the terms inside, outside, between, above, below, near, far, under, over, up, down, behind, in front of, next to, to the left of and to the right of.</p>	<p>Teacher's Guide pp.128-129 - Ordinal Numbers Teacher's Guide pp. 152-153 - Introduce Positional Words Teacher's Guide p. 160 - Positional Words Teacher's Guide p. 623 - Position Words</p>
<p>K.G.2: Compare two- and three-dimensional shapes in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).</p>	<p>Teacher's Guide pp. 18-19 - Review One, Preview Two (Properties of a circle) Teacher's Guide pp. 21-22 - Preview Three (Properties of a Triangle) Teacher's Guide pp. 24-25 - Preview Four (Properties of a rectangle and square) Teacher's Guide p. 134 - Computer Center Teacher's Guide p. 150 - Identify shapes in the Environment Teacher's Guide pp. 265-266 - Shape Properties Starfall.com: Math - Geometry and Measurement: Triangles & Make Shapes Starfall.com: Math - Geometry and Measurement: Puzzles Starfall.com: Math - Geometry and Measurement: 2D/3D Shapes</p>
<p>K.G.3: Model shapes in the world by composing shapes from objects (e.g., sticks and clay balls) and drawing shapes.</p>	<p>Teacher's Guide p. 151 - Draw Shapes Teacher's Guide p. 267 - Draw Shapes with Shaving Cream Teacher's Guide p. 276 - Learning Centers: Play Dough Shape Town Teacher's Guide p. 297 - Draw Shapes Teacher's Guide p. 304 - Learning Centers: Play Dough 3-D Shapes Teacher's Guide p. 304 - Learning Centers: Constructing 3-D Shapes</p>
<p>K.G.4: Compose simple geometric shapes to form larger shapes (e.g., create a rectangle composed of two triangles).</p>	<p>Teacher's Guide p. 134 - Computer Center Teacher's Guide pp. 265-266 - Shape Properties Teacher's Guide p. 273 - Cubes and Rectangular Prisms Starfall.com: Math: Geometry and Measurement: Triangles & Make Shapes</p>

MEASUREMENT

Indiana Standards	Starfall Kindergarten Math Alignment
<p>K.M.1: Make direct comparisons of the length, capacity, weight, and temperature of objects, and recognize which object is shorter, longer, taller, lighter, heavier, warmer, cooler, or holds more.</p>	<p>Teacher’s Guide pp. 28-29 - Introduce Measuring with Rectangles, Match Lengths, Compare Rectangles Teacher’s Guide pp. 126-127 - Introduce Measurement Teacher’s Guide p. 268 - Taller or Shorter? Teacher’s Guide p. 284 - One Less Teacher’s Guide p. 285 - One More <i>Starfall.com</i>: Math: Geometry & Measurement: Measurement</p>
<p>K.M.2: Understand concepts of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Understand that clocks and calendars are tools that measure time.</p>	<p>Teacher’s Guide - Calendar Routine (daily) Teacher’s Guide - Weather Routine (daily) Teacher’s Guide - Number Line Routine (daily) Teacher’s Guide - Place Value Routine (daily) Teacher’s Guide - Hundreds Chart Routine (daily) Teacher’s Guide p. 583 - Which Measuring Tool Would I Use? Teacher’s Guide p. 586 - Numbers on a Clock Teacher’s Guide p. 589 - Hands of a Clock/Different Types of Clocks Teacher’s Guide p. 590 - Hands on the Clock</p>

DATA ANALYSIS

Indiana Standards	Starfall Kindergarten Math Alignment
<p>K.DA.1: Identify, sort, and classify objects by size, number, and other attributes. Identify objects that do not belong to a particular group and explain the reasoning used.</p>	<p>Teacher’s Guide pp. 36-37 - Explore Shapes Teacher’s Guide pp. 41-42 - Introduce Octagon and Review 2D Shapes Teacher’s Guide pp. 132-133 - Sort By Attribute Teacher’s Guide p. 134 - Learning Centers: Sorting Objects Teacher’s Guide pp. 288-289 - 3-D Shape Museum Day Teacher’s Guide p. 290 - Sorting Shapes Teacher’s Guide p. 624 - Pattern Using Coins <i>Starfall.com</i>: Math: Geometry & Measurement: Button Sort</p>

PROCESS STANDARDS FOR MATHEMATICS

Indiana Standards	Starfall Kindergarten Math Alignment
<p>PS.1: Make sense of problems and persevere in solving them.</p>	<p>Teacher’s Guide pp. 334-335 - Addition to Five Teacher’s Guide p. 350 - Number Bonds of Ten Teacher’s Guide pp. 354-356 - Arrays Up to 20 Teacher’s Guide pp. 374-375 - Introduction to Addition Teacher’s Guide pp. 377-378 - Using Counters and Ten Frames Teacher’s Guide pp. 379-380 - Using a Number Line to Add Teacher’s Guide pp. 381-382 - Acting it Out Teacher’s Guide pp. 391-392 - Missing Numbers Teacher’s Guide pp. 393-394 - Strategies to Solve Story Problems Teacher’s Guide pp. 395-396 - Story Maps Teacher’s Guide pp. 416-417 - Introduce Subtraction Teacher’s Guide pp. 418-419 - Subtraction Practice Teacher’s Guide pp. 420-421 - “Five Little Teddy Bears” Subtraction Teacher’s Guide pp. 428-429 - “Little Boy Blue” Story Problems Teacher’s Guide pp. 430-431 - Subtraction Story Problems Teacher’s Guide pp. 434-436 - Using a Number Line to Subtract Teacher’s Guide pp. 455-456 - My Answer Is . . . Teacher’s Guide p. 459 - Subtraction Equations Teacher’s Guide pp. 466-467 - Review Addition and Subtraction Facts Teacher’s Guide pp. 430-431 - Subtraction Story Problems Teacher’s Guide pp. 468-469 - Creating Addition and Subtraction Equations</p>
<p>PS.2: Reason abstractly and quantitatively.</p>	<p>Teacher’s Guide p. 375 - Using Addition Strategies Teacher’s Guide p. 376 - Using Addition Strategies to Solve Equations Teacher’s Guide pp. 381-383 - Acting It Out Teacher’s Guide p. 391 - Building Addition Number Stories Teacher’s Guide p. 392 - Solving for X Teacher’s Guide pp. 393-394 - Strategies to Solve Story Problems Teacher’s Guide pp. 395-396 - Story Maps Teacher’s Guide p. 417 - Partner to Solve Subtraction Problems Teacher’s Guide pp. 418-419 - Subtraction Practice Teacher’s Guide p. 420-421 - “Five Little Teddy Bears” Subtraction Teacher’s Guide p. 423 - Learning Centers: Summative Assessment: “Five Teddy Bears” Teacher’s Guide pp. 428-429 - “Little Boy Blue” Story Problems Teacher’s Guide pp. 430-431 - Subtraction Story Problems Teacher’s Guide pp. 452-454 - Review Addition Teacher’s Guide pp. 455-456 - My Answer Is . . . Teacher’s Guide pp. 457-458 - Subtraction Teacher’s Guide p. 459 - Subtraction Equations Teacher’s Guide p. 466 - “Build a Tower Addition” Game Teacher’s Guide p. 467 - “Disappearing Train Cube Subtraction”</p>

	<p>Game</p> <p>Teacher’s Guide pp. 468-469 - Creating Addition and Subtraction Equations</p> <p>Teacher’s Guide pp. 473-474 - Addition and Subtraction Story Problems</p> <p>Teacher’s Guide p. 491 - Use Pictures to Solve Problems</p> <p>Teacher’s Guide p. 492 - Draw Pictures to Solve Problems</p> <p>Teacher’s Guide p. 496 - Measure and Compare Lengths</p> <p>Teacher’s Guide p. 497 - Measure Using Craft Sticks</p> <p>Teacher’s Guide p. 497 - Measure Using Cubes</p> <p>Teacher’s Guide p. 498 - Length of Names</p> <p>Teacher’s Guide pp. 499-500 - Shortest to Tallest</p> <p>Teacher’s Guide p. 500 - Measure Objects</p> <p>Teacher’s Guide p. 502 - Learning Centers: Measure the Objects</p>
<p>PS.3: Construct viable arguments and critique the reasoning of others.</p>	<p>Teacher’s Guide p. 374 - Introduce “Operation”</p> <p>Teacher’s Guide p. 375 - Using Addition Strategies</p> <p>Teacher’s Guide p. 376 - Using Addition Strategies to Solve Equations</p> <p>Teacher’s Guide pp. 377-378 - Use Counters and Ten-Frame Strategies</p> <p>Teacher’s Guide pp. 379-380 - Using a Number Line to Add</p> <p>Teacher’s Guide p. 381 - Addition Equation Cards (Counting On)</p> <p>Teacher’s Guide pp. 381-382 - Acting It Out</p> <p>Teacher’s Guide p. 383 - Drawing Pictures</p> <p>Teacher’s Guide p. 384 - Solve Number Stories</p> <p>Teacher’s Guide p. 391 - “Five Little Bees”</p> <p>Teacher’s Guide p. 391 - Building Addition Number Stories</p> <p>Teacher’s Guide p. 392 - Solving For X</p> <p>Teacher’s Guide p. 392 - What Number is Missing?</p> <p>Teacher’s Guide pp. 393-394 - Strategies to Solve Story Problems</p> <p>Teacher’s Guide pp. 395-396 - Story Maps</p> <p>Teacher’s Guide pp. 397-398 - Addition With Coins</p> <p>Teacher’s Guide p. 400 - Learning Centers: Summative Assessment: Create Addition Problems to 10</p> <p>Teacher’s Guide p. 414-415 - Greater Than/Less Than Game Day</p> <p>Teacher’s Guide p. 416 - Subtraction as an Operation</p> <p>Teacher’s Guide p. 417 - Compare Addition and Subtraction Strategies</p> <p>Teacher’s Guide p. 417 - Partner to Solve Subtraction Problems</p> <p>Teacher’s Guide pp. 418-419 - Drawing Pictures Strategy</p> <p>Teacher’s Guide p. 419 - Read It, Draw It, Solve It Practice</p> <p>Teacher’s Guide p. 419 - Represent Subtraction</p> <p>Teacher’s Guide pp. 420-421 - “Five Little Teddy Bears” Subtraction</p> <p>Teacher’s Guide pp. 428-429 - “Little Boy Blue” Story Problems</p> <p>Teacher’s Guide pp. 430-431 - Subtraction Story Problems</p> <p>Teacher’s Guide pp. 432-433 - Subtraction and Money</p> <p>Teacher’s Guide pp. 434-436 - Using a Number Line to Subtract</p> <p>Teacher’s Guide pp. 452-454 - Review Addition</p>

	<p>Teacher's Guide pp. 455-456 - My Answer Is...</p> <p>Teacher's Guide pp. 457-458 - Subtraction</p> <p>Teacher's Guide p. 459 - Subtraction Equations</p> <p>Teacher's Guide p. 461 - Learning Centers: Summative Assessment: Adding and Subtracting Within 5</p> <p>Teacher's Guide p. 468 - "Plus and Minus" Game</p> <p>Teacher's Guide pp. 468-469 - Creating Addition and Subtraction Equations</p> <p>Teacher's Guide p. 472 - Adding and Subtracting using Money</p> <p>Teacher's Guide pp. 473-474 - Addition and Subtraction Story Problems</p>
<p>PS.4: Model with mathematics.</p>	<p>Teacher's Guide p. 375 - Using Addition Strategies</p> <p>Teacher's Guide p. 376 - Using Addition Strategies to Solve Equations</p> <p>Teacher's Guide pp. 381-383 - Acting It Out</p> <p>Teacher's Guide p. 391 - Building Addition Number Stories</p> <p>Teacher's Guide p. 392 - Solving for X</p> <p>Teacher's Guide pp. 393-394 - Strategies to Solve Story Problems</p> <p>Teacher's Guide pp. 395-396 - Story Maps</p> <p>Teacher's Guide p. 417 - Partner to Solve Subtraction Problems</p> <p>Teacher's Guide pp. 418-419 - Subtraction Practice</p> <p>Teacher's Guide pp. 420-421 - "Five Little Teddy Bears" Subtraction</p> <p>Teacher's Guide p. 423 - Learning Centers: Summative Assessment: "Five Teddy Bears"</p> <p>Teacher's Guide pp. 428-429 - "Little Boy Blue" Story Problems</p> <p>Teacher's Guide pp. 430-431 - Subtraction Story Problems</p> <p>Teacher's Guide pp. 452-454 - Review Addition</p> <p>Teacher's Guide pp. 455-456 - My Answer Is . . .</p> <p>Teacher's Guide pp. 457-458 - Subtraction</p> <p>Teacher's Guide p. 459 - Subtraction Equations</p> <p>Teacher's Guide p. 466 - "Build a Tower Addition" Game</p> <p>Teacher's Guide p. 467 - "Disappearing Train Cube Subtraction" Game</p> <p>Teacher's Guide pp. 468-469 - Creating Addition and Subtraction Equations</p> <p>Teacher's Guide pp. 473-474 - Addition and Subtraction Story Problems</p> <p>Teacher's Guide p. 491 - Use Pictures to Solve Problems</p> <p>Teacher's Guide p. 492 - Draw Pictures to Solve Problems</p>
<p>PS.5: Use appropriate tools strategically.</p>	<p>Teacher's Guide - Daily Routines (Daily)</p> <p>Teacher's Guide pp. 15-16 - Introduce Daily Routines and Preview One</p> <p>Teacher's Guide p. 68 - Math Bag Objects</p> <p>Teacher's Guide p. 84 - Introduce the Number Six</p> <p>Teacher's Guide p. 120 - Learning Centers: Number Activity Mats</p> <p>Teacher's Guide p. 134 - Learning Centers: Sorting Objects</p> <p>Teacher's Guide p. 156 - Greater Than and Less Than</p> <p>Teacher's Guide pp. 172-173 - Introduce the Dime</p>

	<p>Teacher's Guide pp. 184-185 - Ten-Frames</p> <p>Teacher's Guide p. 235 - Learning Centers: Summative Assessment: Represent Numbers</p> <p>Teacher's Guide p. 246 - Introduce 20</p> <p>Teacher's Guide p. 265 - Shape Properties</p> <p>Teacher's Guide pp. 284-285 - Introduce the Sphere</p> <p>Teacher's Guide p. 304 - Learning Centers: Constructing 3-D Shapes</p> <p>Teacher's Guide pp. 325-326 - Review Money (Penny, Nickel, Dime)</p> <p>Teacher's Guide pp. 336-337 - Number Combinations of 6 and 7</p> <p>Teacher's Guide pp. 350-351 - Number Bonds of 10</p> <p>Teacher's Guide pp. 378-379 - Using Counters and Ten-Frames</p> <p>Teacher's Guide pp. 393-394 - Strategies to Solve Story Problems</p> <p>Teacher's Guide p. 422 - Learning Centers: "Add and Subtract"</p> <p>Teacher's Guide pp. 430-431 - Subtraction Story Problems</p> <p>Teacher's Guide pp. 455-456 - My Answer Is...</p> <p>Teacher's Guide pp. 470-471 - Plus and Minus</p> <p>Teacher's Guide pp. 496-497 - Height and Length</p> <p>Teacher's Guide pp. 508-509 - Measure Distance</p> <p>Teacher's Guide pp. 524-525 - Weighing Objects</p> <p>Teacher's Guide pp. 550-551 - Teens Practice</p> <p>Teacher's Guide p. 567 - Learning Centers: "Count to 50" Number Grid Game</p> <p>Teacher's Guide p. 606 - Learning Centers: Capacity</p>
<p>PS.6: Attend to precision.</p>	<p>Teacher's Guide pp. 15-16 - Introduce Daily Routines and Preview One</p> <p>Teacher's Guide pp. 35-36 - Explore Shapes</p> <p>Teacher's Guide pp. 61-63 - Introduce Essential Questions and the Number One</p> <p>Teacher's Guide pp. 84-85 - The Number Six</p> <p>Teacher's Guide p. 92 - Learning Centers: Ways to Represent Numbers</p> <p>Teacher's Guide pp. 109-110 - One-to-One Correspondence and the Number Nine</p> <p>Teacher's Guide pp. 126-127 - Measurement</p> <p>Teacher's Guide pp. 150-151 - Identify Shapes in the Environment</p> <p>Teacher's Guide pp. 166-168 - Introduce Money</p> <p>Teacher's Guide pp. 186-188 - Ten-Frame Activities: More and Less</p> <p>Teacher's Guide p. 211 - Formative Assessment: Backpack Bear's Math Workbook, Page 24</p> <p>Teacher's Guide pp. 226-227 - Introduce 13</p> <p>Teacher's Guide p. 249 - Learning Center 5: Summative Assessment: Dot-to-Dot (1-20)</p> <p>Teacher's Guide p. 267 - Formative Assessment: Draw Shapes with Shaving Cream</p> <p>Teacher's Guide pp. 288-289 - 3-D Shape Museum Day</p>

	<p>Teacher’s Guide pp. 296-297 - Backpack Bear’s Treasure Hunt</p> <p>Teacher’s Guide p. 319 - Formative Assessment Make a Representation Chart</p> <p>Teacher’s Guide p. 338 - Formative Assessment: Complete Number Sentences</p> <p>Teacher’s Guide p. 350 -Formative Assessment: Create a 10-Chain</p> <p>Teacher’s Guide pp. 377-378 - Using Counters and Ten-Frames</p> <p>Teacher’s Guide pp. 391-392 - Missing Numbers: Building Addition Number Stories; Solving For X; What Number is Missing?</p> <p>Teacher’s Guide pp. 414-415 - Greater Than/Less Than Game Day</p> <p>Teacher’s Guide p. 428-429 - “Little Boy Blue” Story Problems</p> <p>Teacher’s Guide pp. 453-454 - Writing Equations</p> <p>Teacher’s Guide p. 474 - Formative Assessment: Addition and Subtraction Journal Page</p> <p>Teacher’s Guide p. 492 - Formative Assessment: Draw Pictures to Solve Problems</p> <p>Teacher’s Guide p. 514 - Formative Assessment: Use Measuring Tools</p> <p>Teacher’s Guide p. 523 - Record Lighter or Heavier</p> <p>Teacher’s Guide p. 549 - Formative Assessment: Number Representations from 10 to 20</p> <p>Teacher’s Guide p. 566 - Review Numbers and Sets 10 Through 20</p> <p>Teacher’s Guide p. 589 - Formative Assessment: Draw a Clock</p> <p>Teacher’s Guide p. 599 - Formative Assessment: Classify Hot or Cold</p> <p>Teacher’s Guide p. 625 - Formative Assessment: What’s the Operation?</p> <p>Teacher’s Guide pp. 632-633 - Addition and Subtraction</p>
<p>PS.7: Look for and make use of structure.</p>	<p>Teacher’s Guide pp. 212-213 - Introduce Teens Using a Ten-Frame</p> <p>Teacher’s Guide p. 228 - Tens and Ones</p> <p>Teacher’s Guide pp. 342-343 - Introduce 18</p> <p>Teacher’s Guide p. 322 - Directionality of Equations</p> <p>Teacher’s Guide p. 322 - Formative Assessment Creating Equations</p> <p>Teacher’s Guide p. 329 - Summative Assessment: Number Patterns</p> <p>Teacher’s Guide p. 337 - Introduce Number Combinations of 7</p> <p>Teacher’s Guide p. 341 - Formative Assessment: Create Different Combinations of 8</p> <p>Teacher’s Guide p. 342 - Number Patterns of Nine</p> <p>Teacher’s Guide p. 343 - Create Combinations of 9</p> <p>Teacher’s Guide p. 350 - Number Bonds of 10</p> <p>Teacher’s Guide pp. 351-352 - Review Number Bonds</p> <p>Teacher’s Guide p. 354-356 - Arrays up to 20</p> <p>Teacher’s Guide p. 357-359 - Subitizing and Array Review</p> <p>Teacher’s Guide p. 360 - Summative Assessment: Hanger Activity</p>

	<p>Teacher's Guide p. 360 - Arrays</p> <p>Teacher's Guide p. 372 - Formative Assessment: Different Ways to Make 5</p> <p>Teacher's Guide pp. 391-392 - Missing Numbers</p> <p>Teacher's Guide p. 421 - "Five Little Teddy Bears" Subtraction Story</p> <p>Teacher's Guide p. 430 - Subtraction Story Problems: Starfall.com</p> <p>Teacher's Guide pp. 435-436 - Formative Assessment: Train Subtraction</p> <p>Teacher's Guide p. 453 - Ways to Write an Addition Equation</p> <p>Teacher's Guide p. 461 - Summative Assessment: Adding and Subtracting Within 5</p> <p>Teacher's Guide pp. 468-469 - Creating Addition and Subtraction Equations</p> <p>Teacher's Guide p. 472 - Formative Assessment: Adding and Subtracting using Money</p> <p>Teacher's Guide p. 547 - Formative Assessment: Add Numbers to Teens</p> <p>Teacher's Guide p. 548 - Add and Subtract: Compose/Decompose Tens and Ones</p> <p>Teacher's Guide pp. 620-621 - Composing and Decomposing Numbers 6-10</p> <p>Teacher's Guide p. 632 - Magic Math Moment: How Many More or Less?</p>
<p>PS.8: Look for and express regularity in repeated reasoning.</p>	<p>Teacher's Guide p. 215 - Magic Math Moment: Tens and Ones</p> <p>Teacher's Guide p. 226 - Creating Number Combinations</p> <p>Teacher's Guide pp. 244-245 - Number Riddles/ Introduce 19</p> <p>Teacher's Guide pp. 318-319 - Number Representations 1-5</p> <p>Teacher's Guide pp. 323-324 - Number Representations 6-10</p> <p>Teacher's Guide pp. 334-335 - Addition to 5</p> <p>Teacher's Guide pp. 336-338 - Number Combinations of 6 and 7</p> <p>Teacher's Guide pp. 339-341 - Number Combinations of 8</p> <p>Teacher's Guide pp. 342-343 - Number Combinations of 9</p> <p>Teacher's Guide p. 350 - Number Bonds of 10</p> <p>Teacher's Guide pp. 351-352 - Review Number Bonds</p> <p>Teacher's Guide pp. 357-358 - Subitizing and Array Review</p> <p>Teacher's Guide p. 359 - Formative Assessment: Create Arrays</p> <p>Teacher's Guide p. 360 - Summative Assessment: Hanger Activity</p> <p>Teacher's Guide p. 378 - Formative Assessment: Different Ways to Make 5</p> <p>Teacher's Guide p. 384 - "Shake, Spill, and Add"</p> <p>Teacher's Guide p. 392 - Solving For X</p> <p>Teacher's Guide p. 400 - Summative Assessment: Create Addition Problems to 10</p> <p>Teacher's Guide p. 434-435 - Using a Number Line to Subtract</p> <p>Teacher's Guide pp. 466-467 - Review Addition and Subtraction Facts</p> <p>Teacher's Guide pp. 490-492 - Introduce Fractions</p> <p>Teacher's Guide pp. 524-525 - Weighing Objects</p>

	<p>Teacher's Guide pp. 550-551 - Teens Practice Teacher's Guide pp. 552-553 - Place Value Teacher's Guide p. 566 - Review Numbers and Sets 10 Through 20 Teacher's Guide pp. 590-591 - Hands on the Clock Teacher's Guide p. 600 - Magic Math Moment: How Many to Make Ten? Teacher's Guide pp. 620-621 - Composing and Decomposing Numbers 6-10 Teacher's Guide p. 622 - Addition Game Day Teacher's Guide p. 624 - Patterns Using Coins Teacher's Guide pp. 624-625 - What's the Operation? Teacher's Guide pp. 632-633 - Addition and Subtraction Teacher's Guide p. 636 - Interpreting a Graph</p>
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*The standards used in this document were copied directly from the *Indiana Academic Standards for Mathematics: Kindergarten*.