

Scope and Sequence Chart

Chapter/ Lesson Title	Lesson Objectives	Curriculum Standards	Learning Competencies
Chapter 1 Describing Objects Around You		<i>Content Standards</i> The pupil demonstrates an understanding of <ul style="list-style-type: none">• objects in the environment have properties and attributes (e.g., color, size, shapes, and functions) and that objects can be manipulated based on these properties and attributes;• concepts of size, length, and height;• sequencing, grouping, and relationships of objects in terms of position, pattern, and set; and• counting of objects in a set and comparison of sets.	

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		<p><i>Performance Standards</i></p> <p>The pupil shall be able to</p> <ul style="list-style-type: none"> • manipulate objects based on properties or attributes; • describe objects in the environment using the name of color, shapes, sizes, lengths, and heights; • use arbitrary measuring tools/means to determine size, length, and height of things around him/her; • describe the relative position of objects using the terms <i>far, near, left, right, up, down, inside, outside, in front of, behind, between, and beside</i>; • identify patterns; and • count and compare objects in sets. 	
<p>Lesson 1 Naming Different Colors</p>	<ul style="list-style-type: none"> • Identify the different colors • Name things that have the same color as the given objects • Color the pictures correctly 		<ul style="list-style-type: none"> • Describe objects based on attributes/properties (color) • Match objects or pictures based on properties/attributes in one-to-one correspondence <ul style="list-style-type: none"> ◦ object to object ◦ object to picture ◦ picture to picture • Tell which objects or pictures are the same based on color • Describe common objects in the environment based on color

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Lesson 2 Naming Different Shapes	<ul style="list-style-type: none"> • Identify the different shapes • Name things that have the same shape as the given objects • Draw the different shapes correctly 		<ul style="list-style-type: none"> • Describe objects based on attributes/properties (shapes) • Match objects or pictures based on properties/attributes in one-to-one correspondence <ul style="list-style-type: none"> ◦ object to object ◦ object to picture ◦ picture to picture • Tell which objects or pictures are the same based on shape • Describe common objects in the environment based on shape • Recognize simple shapes in the environment
Lesson 3 Sizes	<ul style="list-style-type: none"> • Identify sizes of objects • Compare the sizes of objects • Use the correct word to tell and compare sizes 		<ul style="list-style-type: none"> • Describe objects based on attributes/properties (size) • Match objects or pictures based on properties/attributes in one-to-one correspondence <ul style="list-style-type: none"> ◦ object to object ◦ object to picture ◦ picture to picture • Compare objects based on their size • Tell which objects or pictures are the same based on size • Describe common objects in the environment based on size
Lesson 4 Lengths and Heights	<ul style="list-style-type: none"> • Identify the lengths and heights of objects • Compare the lengths and heights of objects • Use the correct word to tell and compare lengths and heights 		<ul style="list-style-type: none"> • Describe objects based on attributes/properties (length and height) • Match objects or pictures based on properties/attributes in one-to-one correspondence <ul style="list-style-type: none"> ◦ object to object ◦ object to picture ◦ picture to picture • Compare objects based on their length • Tell which objects or pictures are the same based on length and height • Describe common objects in the environment based on length and height

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Lesson 5 Telling the Use of Objects	<ul style="list-style-type: none"> • Tell the use of an object • Sort and classify objects with similar use 		<ul style="list-style-type: none"> • Describe objects based on attributes/properties (its use and functions) • Match objects or pictures based on properties/attributes in one-to-one correspondence <ul style="list-style-type: none"> ◦ object to object ◦ object to picture ◦ picture to picture • Sort and classify objects according to one attribute/property (function/use) • Group objects that are alike
Lesson 6 Telling the Location, Position, and Direction	<ul style="list-style-type: none"> • Identify the location, position, or direction of objects and people 		<ul style="list-style-type: none"> • Identify the positions of the objects using “far,” “near,” “left,” “right,” “up,” “down,” “inside,” “outside,” “in front of,” “behind,” “between,” and “beside”
Lesson 7 Sequence of Events	<ul style="list-style-type: none"> • Tell what happens next in a sequence of events • Predict what would possibly happen between or next in a sequence of events 		<ul style="list-style-type: none"> • Identify sequence of events • Tell possible outcomes of familiar events (e.g., what to wear on a sunny/rainy day, running fast on a wet and slippery corridor, etc.)

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Lesson 8 Following Patterns	<ul style="list-style-type: none"> • Identify the pattern in a given set of objects • Identify the next object in the pattern 		<ul style="list-style-type: none"> • Complete patterns • Reproduce and extend patterns • Create own patterns • Transform/translate patterns from one form to another • Recognize symmetry (basic shapes) • Identify two to three dimensional shapes: square, circle, triangle, rectangle • Identify objects in the environment that has the same shape as a sphere, cube, cylinder
Lesson 9 Comparing Sets	<ul style="list-style-type: none"> • Compare sets using <i>many, few, as many as, more, and less</i> 		<ul style="list-style-type: none"> • Tell that the quantity of a set of objects does not change even though the arrangement has changed (i.e., the pupil should be able to tell that one set of counters placed in one-to-one correspondence and then rearranged still has the same quantity) • Compare two groups of objects to decide which is more or less, or if they are equal <ul style="list-style-type: none"> ◦ Identify sets with one more or one less element

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Chapter 2 Identifying Numbers from 0 to 50		<p><i>Content Standards</i></p> <p>The pupil demonstrates an understanding of</p> <ul style="list-style-type: none"> • the sense of quantity and numeral relations; and • counting, which move through a sequence, that uses only one number for each number counted. <p><i>Performance Standards</i></p> <p>The pupil shall be able to</p> <ul style="list-style-type: none"> • identify empty or zero; and • count and identify numerals up to 50 at all times in the context of daily experiences either at home or in school. 	
Lesson 1 Counting, Reading, and Writing Numbers from 0 to 10	<ul style="list-style-type: none"> • Count numbers 0 to 10 • Read the numbers 0 to 10 in symbols and in words • Write the numbers 0 to 10 in symbols and in words 		<ul style="list-style-type: none"> • Rote count up to 10 • Count objects with one-to-one correspondence up to quantities of 10 • Recognize and identify numerals 0 to 10 • Read and write numerals 0 to 10 • Read and write number words from zero to ten • Match numerals to a set of concrete objects from 0 to 10

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Lesson 2 Counting, Reading, and Writing Numbers from 11 to 20	<ul style="list-style-type: none"> • Count numbers 11 to 20 • Read the numbers 11 to 20 in symbols and in words • Write the numbers 11 to 20 in symbols and in words 		<ul style="list-style-type: none"> • Rote count up to 20 • Count objects with one-to-one correspondence up to quantities of 20 • Recognize and identify numerals 11 to 20 • Read and write numerals 11 to 20 • Read and write number words from eleven to twenty • Match numerals to a set of concrete objects from 11 to 20
Lesson 3 Ordering and Comparing Numbers from 0 to 20	<ul style="list-style-type: none"> • Order numbers 0 to 20 • Arrange numbers 0 to 20 from least to greatest and greatest to least • Compare numbers 0 to 20 using symbols $>$, $<$, or $=$ 		<ul style="list-style-type: none"> • Identify the number that comes before, after, or in between 0 to 20 • Recognize and identify symbols $>$, $<$, and $=$ and use them in comparing numbers and sets • Arrange four numbers from least to greatest/greatest to least
Lesson 4 Ordinal Numbers	<ul style="list-style-type: none"> • Identify the position of objects using ordinal numbers 1st to 10th 		<ul style="list-style-type: none"> • Identify the 1st, 2nd, 3rd, up to 10th object in a given set
Lesson 5 Counting Numbers from 1 to 50	<ul style="list-style-type: none"> • Count numbers from 1 to 50 		<ul style="list-style-type: none"> • Rote count up to 50 • Count objects with one-to-one correspondence up to quantities of 50 • Recognize and identify numerals 0 to 50 • Read and write numerals 1 to 50

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<p>Chapter 3 Adding and Subtracting Numbers</p>		<p><i>Content Standards</i> The pupil demonstrates an understanding of</p> <ul style="list-style-type: none"> • the sense of quantity and number relations; • that addition results in increase; and • subtraction results in decrease. <p><i>Performance Standards</i> The pupil shall be able to perform simple addition and subtraction of up to 10 objects or pictures/drawings.</p>	
<p>Lesson 1 Addition Using Objects</p>	<ul style="list-style-type: none"> • Add using objects • Count objects in each set 		<ul style="list-style-type: none"> • Recognize the words “put together,” “add to,” and “in all” that indicate the act of adding whole numbers • Combine elements of two sets using concrete objects to represent the concept of addition • Add quantities up to 10 using concrete objects • Use a variety of materials and communicate strategies used to determine answers to addition problems listened to • Solve simple addition number stories (up to quantities of 10) read by the teacher using a variety of ways (e.g., concrete materials, drawings) and describe and explain the strategies used • Write addition number sentences using concrete representations • Recognize and visualize situations that require addition

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Lesson 2 Addition Using Number Sentences	<ul style="list-style-type: none"> • Count each set and put together to add • Add objects with sum of 1 to 10 using a number sentence 		<ul style="list-style-type: none"> • Recognize the words “put together,” “add to,” and “in all” that indicate the act of adding whole numbers • Combine elements of two sets using concrete objects to represent the concept of addition • Add quantities up to 10 using concrete objects • Use a variety of materials and communicate strategies used to determine answers to addition problems listened to • Solve simple addition number stories (up to quantities of 10) read by the teacher using a variety of ways (e.g., concrete materials, drawings) and describe and explain the strategies used • Write addition number sentences using concrete representations • Recognize and visualize situations that require addition
Lesson 3 Subtraction with Differences of 10 or Less	<ul style="list-style-type: none"> • Subtract using objects • Count objects in each set 		<ul style="list-style-type: none"> • Recognize the words “take away,” “less,” and “are left” that indicate the act of subtracting whole numbers • Take away a quantity from a given set using concrete objects to represent the concept of subtraction • Subtract quantities up to 10 using concrete objects • Use a variety of materials and communicate strategies used to determine answers to subtraction problems listened to • Solve simple subtraction number stories (up to quantities of 10) read by the teacher using a variety of ways (e.g., concrete materials, drawings) and describe and explain the strategies used • Write subtraction number sentences using concrete representations • Recognize and visualize situations that require subtraction

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Chapter 4 Learning Fractions		<p><i>Content Standards</i></p> <p>The pupil demonstrates an understanding of the sense of quantity and numeral relations in the context of fractions.</p> <p><i>Performance Standards</i></p> <p>The pupil shall be able to identify $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{4}$ of a fraction.</p>	
Lesson 1 Learning One-half of a Whole or a Set	<ul style="list-style-type: none"> • Identify one-half of a whole • Identify one-half of a set 		<ul style="list-style-type: none"> • Separate and represent groups of equal quantities using concrete objects up to 10 (beginning division) • Divide a whole into two or four equal parts (halves and fourths)
Lesson 2 One-third of a Whole or a Set	<ul style="list-style-type: none"> • Identify one-third of a whole • Identify one-third of a set 		<ul style="list-style-type: none"> • Separate and represent groups of equal quantities using concrete objects up to 10 (beginning division) • Divide a whole into two or four equal parts (halves and fourths)
Lesson 3 One-fourth of a Whole or a Set	<ul style="list-style-type: none"> • Identify one-fourth of a whole • Identify one-fourth of a set 		<ul style="list-style-type: none"> • Separate and represent groups of equal quantities using concrete objects up to 10 (beginning division) • Divide a whole into two or four equal parts (halves and fourths)

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Chapter 5 Counting Money		<i>Content Standards</i> The pupil demonstrates an understanding of the concept of money. <i>Performance Standards</i> The pupil shall be able to identify, count, and use money.	
Lesson 1 Knowing the Philippine Coins	<ul style="list-style-type: none"> • Identify the different Philippine coins • Write the correct amount of each coin 		<ul style="list-style-type: none"> • Recognize and identify coins up to ₱10 (centavos and pesos) • Read and write the correct amount of coins using symbols and numbers
Lesson 2 Knowing the Philippine Bills	<ul style="list-style-type: none"> • Identify the different Philippine notes • Write the correct amount of each note 		<ul style="list-style-type: none"> • Recognize and identify notes up to ₱100 (pesos) • Read and write the correct amount of notes using symbols and numbers