

Scope and Sequence Chart

Chapter/ Lesson Title	Lesson Objectives	Curriculum Standards	Learning Competencies
Chapter 1 Learning About Objects Around Me		<p><i>Content Standards</i></p> <p>The pupil demonstrates an understanding of</p> <ul style="list-style-type: none"> objects in the environment have properties or attributes (e.g., color, size, shapes, and functions) and that objects can be manipulated based on these properties and attributes; and concepts of size, length, height, and weight. <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; use arbitrary measuring tools/means to determine the size, length, height, and weight of things around him/her; and describe the relative position of objects using the terms <i>in</i>, <i>on</i>, and <i>under</i>. 	

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Lesson 1 Colors	<ul style="list-style-type: none"> Identify the different colors Tell objects that have the same color Color 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
Lesson 2 Shapes	<ul style="list-style-type: none"> Identify common shapes Name things that have the same shape Trace and draw different shapes 		<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 shapes Describe common objects in the environment based on shapes Recognize simple shapes in the environment
Lesson 3 Big and Small	<ul style="list-style-type: none"> Identify big and small Identify objects according to their size 		<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 (big and small) Tell which objects or pictures are the same based on size Describe common objects based on size

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Lesson 4 Long and Short	<ul style="list-style-type: none"> Identify long and short Identify objects according to their lengths 		<ul style="list-style-type: none"> Describe objects based on attributes/properties (length) 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 (long and short) Tell which objects or pictures are the same based on length Describe common objects in the environment based on length
Lesson 5 Tall and Short	<ul style="list-style-type: none"> Identify tall and short Identify objects according to their heights 		<ul style="list-style-type: none"> Describe objects based on attributes/properties (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 height (tall and short) Tell which objects or pictures are the same based on height Describe common objects in the environment based on height
Lesson 6 Heavy and Light	<ul style="list-style-type: none"> Tell whether objects are heavy or light Name objects that are heavy or light 		<ul style="list-style-type: none"> Describe objects based on attributes/properties (weight) 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 weight (heavy and light) Tell which objects or pictures are the same based on weight Describe common objects in the environment based on weight

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Lesson 7 Using In, On, and Under	<ul style="list-style-type: none"> Identify the position of objects Use <i>in</i>, <i>on</i>, and <i>under</i> correctly 		<ul style="list-style-type: none"> Identify the position of objects using the terms “in,” “on,” and “under” correctly
Chapter 2 Understanding Patterns and Set		<p><i>Content Standards</i></p> <p>The pupil demonstrates an understanding that objects in the environment have properties or attributes (e.g., color, size, shapes, and functions) and that objects can be manipulated based on these properties and attributes.</p> <p><i>Performance Standards</i></p> <p>The pupil shall be able to describe the characteristics of objects and/or pictures and sensibly organize them by grouping or sequencing.</p>	

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Lesson 1 Sets	<ul style="list-style-type: none"> • Name each set • Identify objects in a set 		<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)
Lesson 2 Empty Sets	<ul style="list-style-type: none"> • Identify empty sets • Compare sets that are empty and sets with objects 		<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
Lesson 3 Patterns	<ul style="list-style-type: none"> • Identify the pattern in a set of objects • Identify the next object in a pattern 		<ul style="list-style-type: none"> • Complete patterns • Reproduce and extend patterns • Create own patterns • Transform or translate patterns from one form to another

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Chapter 3 Counting Numbers 1 to 10		<i>Content Standards</i> The pupil demonstrates an understanding of <ul style="list-style-type: none"> the sense of quantity and numeral relations; and counting, which moves through a sequence, that uses one and only one number name for each number counted. <i>Performance Standards</i> The pupil shall be able to count and identify the numerals up to 10 at all times in daily experiences either at home or in school.	
Lesson 1 Counting Numbers 1 and 2	<ul style="list-style-type: none"> Identify the numbers 1 and 2 Count objects that are 1 and 2 in number Trace and write numbers 1 and 2 correctly 		<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 1 to 10 Read and write numerals 1 to 10 Match numerals to a set of concrete objects from 1 to 10

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Lesson 2 Counting Numbers 3 and 4	<ul style="list-style-type: none"> Identify the numbers 3 and 4 Count objects that are 3 and 4 in number Trace and write numbers 3 and 4 correctly 		<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 1 to 10 Read and write numerals 1 to 10 Match numerals to a set of concrete objects from 1 to 10
Lesson 3 Counting Numbers 5 and 6	<ul style="list-style-type: none"> Identify the numbers 5 and 6 Count objects that are 5 and 6 in number Trace and write numbers 5 and 6 correctly 		<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 1 to 10 Read and write numerals 1 to 10 Match numerals to a set of concrete objects from 1 to 10
Lesson 4 Counting Numbers 7 and 8	<ul style="list-style-type: none"> Identify the numbers 7 and 8 Count objects that are 7 and 8 in number Trace and write numbers 7 and 8 correctly 		<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 1 to 10 Read and write numerals 1 to 10 Match numerals to a set of concrete objects from 1 to 10
Lesson 5 Counting Numbers 9 and 10	<ul style="list-style-type: none"> Identify the numbers 9 and 10 Count objects that are 10 and 9 in number Trace and write numbers 9 and 10 correctly 		<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 1 to 10 Read and write numerals 1 to 10 Match numerals to a set of concrete objects from 1 to 10