

MATH CONTENT AREA SKILLS

Horizontal and Vertical Curriculum Progression

Operations

PRIMARY	INTERMEDIATE	MIDDLE SCHOOL	HIGH SCHOOL/TRANSITION
Add and subtract using pictures and objects.			
Combine sets of objects to find the total amount.			
Solve single-digit addition and subtraction problems.	Solve addition and subtraction problems with regrouping using a calculator.	Add numbers abstractly.	Add and subtract with no regrouping without using a calculator.
	Understand the concepts of multiplication and division.	Apply simple multiplication and division concepts to solve real-life problems using a calculator.	Multiply and divide without using a calculator.
	Identify the symbols on a calculator.		Use fractions, decimals, or percentages within the context of daily living activities.
	Compute using a calculator.	Compute with basic operations using a calculator.	Use a calculator to compute operations related to daily living skills.
Understand the concept of patterning.	Follow a pattern or template to complete a task.	Identify and/or extend a pattern with a specific purpose (e.g., collating papers or setting a table).	Assemble an object by following a pattern or a set of directions.
Select pictures or symbols for a chart that represents information.	Create a chart of information using pictures or symbols.	Discuss the outcome of data collection using illustrated graphs.	Make predictions about daily events and observe and discuss outcomes.
Create simple graphs to display information.	Solve a problem or answer a question using the data from a chart or graph.	Solve word problems using number lines, number sentences, and charts.	Use a graph.
Answer questions using a chart.	Use tables, charts, and/or graphs to locate information within the context of daily living activities.	Answer questions based on data found in graphs and charts.	Ask survey questions and record responses.

LANGUAGE ARTS CONTENT AREA SKILLS

Horizontal and Vertical Curriculum Progression

Vocabulary

PRIMARY	INTERMEDIATE	MIDDLE SCHOOL	HIGH SCHOOL/TRANSITION
Match colors to color words, shapes to shape words, and numbers to number words.	Read color words, shape words, and number words for numbers 0–20.	Read number words for numbers 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100.	
	Read personal information words.		
Identify words, signs, pictures, and symbols commonly seen in everyday life.	Read words and signs commonly seen in everyday life.	Understand grocery store and fast food words.	Use common signs and emergency words in context.
Categorize words by topic (e.g., colors or groups).	Make a selection of a name, a word, or an action related to a topic.	Identify food, cooking, grocery store, and menu words.	Use food, cooking, grocery store, and menu words in context.
Respond to positional words.	Read positional words and identify opposites.	Identify words associated with the world of work.	Use employee and employer words in context.
Identify basic wants and needs using pictures, “yes” or “no” answers, sign language, etc.	Communicate wants and needs.	Identify and understand the meanings of transition words (e.g., “finally,” “meanwhile,” and “after”).	Use transition words in context.
Read high-frequency sight words.	Read and state personal information.	Identify and understand the meanings of community words.	Use community words in context.
Use theme-related and story-related vocabulary.	Match survival signs.	Identify abbreviations for words commonly used in everyday life.	Use abbreviations for words commonly used in everyday life and on the job.