

KG2 Math Learning Outcomes

Key Learning Outcomes	Curriculum level
Numbers	
Counting and Cardinality	
Count to tell the number of objects	
1. Can count the numbers to 20 by 1's.	
2. Can recognize numbers from 0 to 20.	
3. Can count forward from a given number.	
4. Knows how to count 1:1.	
5. Can say how many there are in a group when one more is added without recounting	
6. Can state the last number named in a count as the total number of object.	
Compare Numbers	
7. Can match a number with an object while counting.	
8. Can show how much a number is.	
9. Can read and write cardinal & ordinal numbers 0 -10.	
10. Can create sets	
11. Can connect numbers with things in the real life.	
Operations and Algebraic Thinking	
Understand addition as putting together and adding to, and understand subtraction	
12. Knows putting objects together as the operation of addition	
13. Knows taking away objects as the operation of subtraction.	
Data Handling	
Measurement and Data	
Understand Chance	
1. Uses informal language of chance (eg; will, will not , might , might not) in everyday circumstances .	
2. Can identify possible outcome of familiar event in the lives. (eg; I will eat my lunch today and often school I might have an ice-cream).	
3. Can pose questions to find out about someone, objects or pictures. (eg. Model asking questions such as "what is your favorite color?, what is your favorite fruit?, what did you have for breakfast?"	
4. Uses languages to describe the similarity of differences between several things.	
5. Sort & classify everyday objects by different attributes such as size(small\big), shape, color(heavy\light).	
6. Represents data using concrete objects& pictures.	
7. Interprets class pictorial Displays	
Patterns and Functions	
Number and Operations Base Ten	
Expressing generality	
1 Can represent simple repeating patterns in objects.	
2 Can recognize simple repeating patterns in everyday objects and everyday events.	
3 Can copy and continue the pattern of the continue the pattern of the counting numbers eg; use materials chant and sing only eg;(one, two, one, two) and (one, one, two, two).	
4 Represents simple repeating patterns using numbers	
5 Can extend and create pattern.	

6 Can use two shapes to make a pattern.	
Measurement	
Measurement & Data	
Describe and Compare measurable attributes	
1 Can count.	
2 Can sort objects into groups.	
3 Can classify objects by given category.	
4 Can sort objects into their given category.	
5 Can order events in daily life.	
6 Can describe objects by size and weight.	
7 Can compare between two objects(long –short- heavy- light).	
Order & Sequence the Events	
8 Can compare two objects with a measurable attributes in common.	
Shape and Space	
Geometry	
Identify and Describe shapes	
1 Can name 2D shapes.	
2 Can recognize 2D shapes in the world around me.	
3 Can draw shapes in my environment.	
4 Can use the language of position, direction based (eg; on, in, under, inside, outside, up, down)	
5 Can use the language of position, direction and orientation to: _Give and follow direction based on position (eg; put the teddy bear on the chair) _Move to illustrate the meaning of words(put hand on your head, crawl under the desk)	
6 Can use language related to shapes.	
7 Can locate common shapes within the environment (the sun is round like circle)	

KG2 English Learning Outcomes

Key Learning Outcomes	Curriculum level
Strand : Oral Language – listening and speaking	
Comprehension and Collaboration	
Communicate directly with supportive adults or peer	
Participate in multiple-turn communication exchanges with support from adults.	
Demonstrate an emerging understanding of a familiar text read aloud or information presented orally or through other media by answering questions	
Ask for help when needed.	
Presentation of Knowledge and Ideas	
Identify familiar people, places, things, and events	
Add or select drawings or other visual or tactual displays that relate to familiar people, places, things, and events	

Communicate thoughts, feelings, and ideas	
Strand : Visual Language – Viewing and Presenting	
Conventions of Standard English	
Distinguish between letters and other symbols or shapes	
Use frequently occurring nouns in communication	
Use frequently occurring plural nouns.	
Identify answers to simple questions (e.g., who, what) from an array of choices.	
Demonstrate understanding of common prepositions: on, off, in, out.	
Link two or more words together in communication	
Demonstrate understanding of words used in every day routines	
Sort common objects into familiar categories	
Demonstrate understanding of frequently occurring opposites	
Use words to communicate in real-life situations	
Demonstrate an understanding of common verbs	
Use words acquired through conversations, being read to, and during shared reading activities	
Strand :Written Language – Reading	
Key Ideas and Details	
Identify details in familiar stories and text	
Identify major events in familiar stories and topic in familiar text	
Identify characters and settings in a familiar story	
Identify individuals, events, or details in a familiar informational text.	
Craft and Structure	
Recognize familiar texts (e.g., storybooks, poems)	
Distinguish between words and illustrations in a story and in an informational text.	
Indicate when an unknown word is used in a text.	
Identify the front cover of a book	
Integration of Knowledge and Ideas	
Identify illustrations or objects/tactual information that go with a familiar story	
Identify the adventures or experiences of a character in a familiar story	
Actively engage in shared reading	
Identify points the author makes in an informational text	
Match similar parts of two familiar texts on the same topic	
Print Concepts	
Demonstrate understanding that books are read one page at a time from beginning to end	
Phonological Awareness	
Recognize rhyming words	
Recognize the number of words in a spoken message	
Identify single-syllable spoken words with the same onset (beginning sound) as a familiar word	
Phonics and Word Recognition	
Recognize first letter of own name in print	
Recognize environmental print.	
Fluency	
Engage in purposeful shared reading of familiar text	
Strand :Written Language - Writing	
Text Types and Purposes	
Select a familiar book and use drawing, dictating, or writing to state an opinion about	
Select a familiar topic and use drawing, dictating, or writing to share information about the topic	

Select an event and use drawing, dictating, or writing and share information about it.	
Production and Distribution of Writing	
Explore a variety of digital tools to produce individual or group writing.	
Research to Build and Present Knowledge	
Participate in shared research and writing objects	
Identify information, objects, or events that relate to personal experiences	