



THE KENYA NATIONAL EXAMINATIONS COUNCIL

KENYA EARLY YEARS ASSESSMENT

Grade 3 – 2023

MATHEMATICS ACTIVITIES

INSTRUCTIONS TO THE TEACHER FOR;

REGULAR LEARNERS, LEARNERS WITH HEARING IMPAIRMENT AND LEARNERS WITH PHYSICAL DISABILITIES.

- i) Question 25 requires prior preparation before the assessment is conducted.
- ii) Ensure that all the indicated materials indicated in the table shown are available during the administration of the assessment.

Question	INSTRUCTIONS
25	<p>The teacher to provide a learner with the following:</p> <ul style="list-style-type: none">• 1- Two hundred shilling note• 3- One hundred shilling notes• 4- Fifty shilling notes• 3- Twenty shilling coins• 3- Ten shilling coins• 2- Five shilling coins <p>Show each learner one currency note that is not more than sh 200. Ask the learner to give change corresponding to the currency note shown.</p>

This paper has 6 printed pages.

© 2023 The Kenya National Examinations Council

Turn over

GRADE 3 MATHEMATICS ACTIVITIES- 2023

Scoring Rubric

Each question is awarded ONE mark.

Total marks is 25.

Question	Answer	Question	Answer
1	3 rd or third position	13	182
2	180	14	$24 \div 6 = 4 \text{ days}$
3	2 tens	15	$\frac{1}{8}$
4	Thirty eight	16	$\frac{1}{4} \text{ of } 12 = 3$
5	$413 + 62 = 475$	17	$125 \text{ kg} + 142 \text{ kg} = 267 \text{ kg}$
6	$8 + 7 + 9 = 24$	18	$249 \text{ l} - 137 \text{ l} = 112 \text{ l}$
7	$562 + 391 = 953$	19	$1 \text{ h } 20 \text{ min} + 2 \text{ h } 15 \text{ min} = 3 \text{ h } 35 \text{ min}$
8	321, 324, 327, 330	20	10 minutes past 6
9	$9 \times 6 = 54$	21	$358 \text{ m} + 426 \text{ m} = 784 \text{ m}$
10	$4 \times 7 = 28$	22	sh 255
11	$297 - 56 = 241$	23	<input type="checkbox"/> <input type="checkbox"/>
12	$376 - 248 = 128$	24	Right
		25	Teacher to assess accordingly

KENYA EARLY YEARS ASSESSMENT GRADE 3 - 2023

SCORING RUBRICS FOR MATHEMATICS ACTIVITIES

STRAND/SUB STRAND	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
NUMBERS (16 Questions) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16				
Whole numbers, Addition and Multiplication 1,2,3,4,5,6,7,8,9,10	Learner scores any 9 or 10 questions	Learner scores any 6,7 or 8 questions	Learner scores 3,4 or 5 questions	Learner scores any 2, 1 or 0 questions
	<ul style="list-style-type: none"> Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words systematically. Adds up to two 3-digit numbers without and with regrouping systematically. Multiplies single digit numbers by numbers 1-10 systematically. 	<ul style="list-style-type: none"> Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words correctly. Adds up to two 3-digit numbers without and with regrouping correctly. Multiplies single digit numbers by numbers 1- 10 correctly. 	<ul style="list-style-type: none"> Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words with few errors Adds up to two 3-digit numbers without and with regrouping with few errors Multiplies single digit numbers by numbers 1- 10 with few errors. 	<ul style="list-style-type: none"> Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words with difficulties. Adds up to two 3-digit numbers without and with regrouping with difficulties. Multiplies single digit numbers by numbers 1- 10 with difficulties.

STRAND/SUB STRAND	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
Subtraction, Division and Fractions 11,12,13,14,15,16	Learner scores all the 6 questions	Learner scores any 4 or 5 questions	Learner scores any 2 or 3 questions	Learner scores any 1 or 0 question
	<ul style="list-style-type: none"> Subtracts up to 3-digit numbers without or with single regrouping, including involving a missing number, represents division as repeated subtraction and a fraction as a part of a whole, group in real life systematically. 	<ul style="list-style-type: none"> Subtracts up to 3-digit numbers without or with single regrouping, including involving a missing number, represents division as repeated subtraction and a fraction as a part of a whole, group in real life correctly. 	<ul style="list-style-type: none"> Subtracts up to 3-digit numbers without or with single regrouping, including involving a missing number, represents division as repeated subtraction and a fraction as a part of a whole, group in real life with few errors. 	<ul style="list-style-type: none"> Subtracts up to 3-digit numbers without or with single regrouping, including involving a missing number, represents division as repeated subtraction and a fraction as a part of a whole, group in real life with difficulties.
MEASUREMENT (7 questions) 17, 18, 19, 20, 21, 22, 25				
Mass and capacity 17,18		Learner scores 2 questions	Learner scores any one question	Learner scores 0 question
		Adds and subtracts mass in kilograms, capacity in litres in real life situations accurately .	Performs any one of the following; Adds and subtracts mass in kilograms or capacity in litres in real life situations	Adds and subtracts mass in kilograms and capacity in litres in real life situations with difficulties .

STRAND/SUB STRAND	EXCEEDS EXPECTATION (4)	MEETS EXPECTATION (3)	APPROACHES EXPECTATION (2)	BELOW EXPECTATION (1)
Length, Time, Money 19,20,21,22,25	Learner scores all the 5 questions	Learner scores any 4 questions	Learner scores any 3 questions	Learner scores any 2, 1 or 0 questions
	-Adds and subtracts length in metres, writes time using past and to the hour, adds time involving hours and minutes without conversion in real life situations systematically . -Counts money and gives change in Kenyan currency notes efficiently .	-Adds and subtracts length in metres, writes time using past and to the hour, adds time involving hours and minutes without conversion in real life situations correctly . -Counts money and gives change in Kenyan currency notes accurately .	-Adds and subtracts length in metres, writes time using past and to the hour, adds time involving hours and minutes without conversion in real life situations with few errors . -Counts money and gives change in Kenyan currency notes with few errors .	-Adds and subtracts length in metres, writes time using past and to the hour, adds time involving hours and minutes without conversion with difficulties . -Counts money and gives change in Kenyan currency notes with difficulties .
GEOMETRY (2 questions) 23, 24				
Position and direction, Shapes 23,24		Learner scores 2 questions	Learner scores any 1 question	Learner scores 0 questions
		Identifies direction along a straight line and turns right, and makes a pattern using circles, triangles and rectangles accurately .	Performs any one of the following; identifying direction along a straight line and turns right, making a pattern using circles, triangles and rectangles.	Identifies direction along a straight line and turns right, and makes a pattern using circles, triangles and rectangles, with difficulties .

The grid below is to be filled by the teacher after assessing the learner's work.

Strand	Sub-strands	Question Number	Score	Performance Level
Numbers	Whole numbers, Addition and Multiplication	1, 2, 3, 4, 5, 6, 7, 8, 9, 10		
	Subtraction, Division & Fractions	11,12,13,14,15,16		
Measurement	Mass and Capacity	17, 18		
	Length, Time, Money	19, 20, 21, 22, 25		
Geometry	Position & direction, shapes	23, 24		

PERFORMANCE LEVEL SHEET FOR MATHEMATICS GRADE 3

S.N	Name of Learner	Sub strand Whole numbers, Addition & Multiplication Questions 1, 2, 3, 4, 5,6,7,8,9,10	Sub strand Subtraction, Division & Fractions Questions 11, 12, 13, 14, 15, 16	Sub strand Mass and Capacity Questions 17,18	Sub strand Length, Time, Money Questions 19,20,21, 22,25	Sub strand Position & direction, shapes Questions 23,24	Comment
1							
2							
3							
4							
5							

THIS IS THE LAST PRINTED PAGE