# THE KENYA NATIONAL EXAMINATIONS COUNCIL

## KENYA EARLY YEARS ASSESSMENT

## Grade 3 – 2026

# MATHEMATICAL ACTIVITIES

**INSTRUCTIONS TO THE TEACHER**

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

i) Question 25 requires preparation before the assessment is conducted.

ii) Ensure that all the materials indicated in the table shown are available during the administration of the assessment.

| Question | INSTRUCTIONS |
|---|---|
| **25** | The teacher to prepare the following:<br>• 8 counters made from locally available materials such as bottle tops, manilla papers, cardboards or cartons.<br>Show a learner either 2 or 4 or 8 counters in a group, with **ONE** of the counter shaded. Draw a circle around the counters.<br>The learner is required to say $\frac{1}{2}$ $or$ $\frac{1}{4}$ $or$ $\frac{1}{8}$. (A fraction as part of a group) and assess accordingly. |

**This paper has 6 printed pages**


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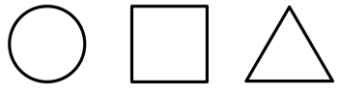
# Grade 3

# Scoring Rubric

**Each question is awarded ONE mark.**

**Total marks are 25.**

| Question | Answer | Question | Answer |
|---|---|---|---|
| **1** | 4th or fourth position | **13** | 249 |
| **2** | 419 | **14** | $24 \div 6 = 4$ sweet bananas |
| **3** | Hundreds | **15** | 3 books |
| **4** | Twenty four | **16** | $98\ kg - 9\ kg = 89\ kg$ |
| **5** | $2+5 + 7 = 14$ | **17** | $250\ l - 220\ l = 30\ l$ |
| **6** | $274 + 653 = 927$ | **18** | $198\ m - 96\ m = 102\ m$ |
| **7** | $325 + 53 = 378$ iron sheets | **19** | $10\ minutes$ |
| **8** | $435 + 440 = 875$ | **20** | $1\ h\ 15\ min + 2\ h\ 40\ min = 3\ h\ 55\ min$ |
| **9** | $5 \times 7 = 35$ | **21** | $sh\ 500 - sh\ 120 = sh\ 380$ |
| **10** | $6 \times 4 = 24$ crates | **22** | A shirt and a textbook |
| **11** | $345 - 123 = 222$ cabbages | **23** |  |
| **12** | $859 - 432 = 427$ votes | **24** | Left, Right |
| | | **25** | Award 1 mark for correct fraction. |

# KENYA EARLY YEARS ASSESSMENT
# GRADE 3 - 2026

## SCORING RUBRICS FOR MATHEMATICAL ACTIVITIES

| STRAND/SUB STRAND | EXCEEDS EXPECTATION (4) | MEETS EXPECTATION (3) | APPROACHES EXPECTATION (2) | BELOW EXPECTATION (1) |
|---|---|---|---|---|
| **NUMBERS (16 Questions)**<br>**1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 25** | | | | |
| | 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 |
| **Whole numbers, Addition and Multiplication**<br><br>**1,2,3,4,5,6,7,8,9,10** | • Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words **systematically**<br>• Adds up to two 3-digit numbers without and with regrouping **systematically**<br>• Multiplies single digit numbers by numbers 1-10 **systematically.** | • Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words **correctly.**<br>• Adds up to two 3-digit numbers without and with regrouping **correctly.**<br>• Multiplies single digit numbers by numbers 1- 10 **correctly.** | • Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words **with few errors.**<br>• Adds up to two 3-digit numbers without and with regrouping **with few errors.**<br>• Multiplies single digit numbers by numbers 1-10 **with few errors.** | • Uses ordinal numbers to identify position from 1 to 20 and writes numbers 1-100 in words **with difficulties.**<br>• Adds up to two 3-digit numbers without and with regrouping **with difficulties.**<br>• 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**<br><br>**11,12,13,14,15,25** | 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 |
| | • 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.** | • 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.** | • 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.** | • 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)**<br>**16, 17, 18, 19, 20, 21, 22** | | | | |
| **Mass and capacity**<br>**16,17** | | Learner scores **2** questions | Learner scores **any one** question | Learner scores **0** question |
| | | Adds and subtracts mass in kilograms and 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 18,19,20,21,22** | 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**.<br>-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**.<br>-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**.<br>-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**.<br>-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 | **11,12,13,14,15,25** | | |
| **Measurement** | Mass and Capacity | **16,17** | | |
| | Length, Time, Money | **18, 19, 20, 21, 22** | | |
| **Geometry** | Position & direction, shapes | **23, 24** | | |

## PERFORMANCE LEVEL SHEET FOR MATHEMATICAL ACTIVITIES GRADE 3 - 2026

| 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, 25** | **Sub strand** Mass and Capacity **Questions 16,17** | **Sub strand** Length, Time, Money **Questions 18,19,20,21, 22** | **Sub strand** Position & direction, shapes **Questions 23,24** | Comment |
|---|---|---|---|---|---|---|---|
| **1** | | | | | | | |
| **2** | | | | | | | |
| **3** | | | | | | | |
| **4** | | | | | | | |
| **5** | | | | | | | |

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