

**Numeracy**

**Cohort** Primary

**Country** Tanzania

**Language** English



**Note:** This is an assessment used in classrooms for the Schools2030 programme. It is being shared to demonstrate the approaches to assessment that Schools2030 is developing.

For those interested in using or adapting this tool, further information including teacher guides, psychometric analysis, and other supplementary materials are available on request.



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| **NUMBER IDENTIFICATION TO 9999 LEVEL** |

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| ITEM 1 | ***Instruction:*** *Ask the pupil to identify the numbers below.*   |  |  |  | | --- | --- | --- | |  | 8 |  | | 23 | 15 | 64 | | 600 | 325 | 729 | | 9872 | 1013 | 4579 | |
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| **Instruction.** Circle the numbers that were recognised correctly (these numbers will transfer to a capture sheet for numeracy). | |

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| **NUMBER IDENTIFICATION TO 99999 LEVEL** |

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| ITEM 2 | ***Instruction:*** *Ask the pupil to identify the numbers below.*   |  |  | | --- | --- | | 55,739 | 10,400 | | 35,218 | 73,811 | | 64,216 | 18,620 | | 47,309 | 90,215 | | 22,345 | 83,456 | |
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| **Instruction.** Circle the numbers that were recognised correctly (these numbers will transfer to a capture sheet for numeracy). | |

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| **PLACE VALUE** |

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| ITEM 3 | ***Instruction:*** *Ask the pupil to identify the place values in the table below.*   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Thousands | Hundreds | Tens | Ones | | 724 |  |  |  |  | | 19999 |  |  |  |  | | 27318 |  |  |  |  | | 3992 |  |  |  |  | | 63415 |  |  |  |  | |
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| **Instruction.** Circle the numbers that were identified correctly (these numbers will transfer to a capture sheet for numeracy) and proceed to addition level 1. | |

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| **ADDITION LEVEL 1** |

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| ITEM 4 | ***Instruction:*** *Ask the pupil to add the numbers below.*   |  | | --- | | 2 + 9 = | | 13 + 18 = | | 43 + 12 = | | 234 + 550 = | | 6763 + 7720 = | |
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| **Instruction:** Circle the problems that were correctly added (these will be later transferred to a capture sheet for numeracy) and proceed to addition level 2. | |

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| **ADDITION LEVEL 2** |

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| ITEM 5 | ***Instruction:*** *Ask the pupil to add the numbers below.*   |  |  |  |  |  | | --- | --- | --- | --- | --- | | 77  + 11 | 63  + 27 | 426  + 161 | 2100  + 3360 | 6127  + 3451 | |  |  |  |  |  | |
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| **Instruction:** Circle the problems that were correctly added (these will be later transferred to a capture sheet for numeracy) and proceed to subtraction level below. | |

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| **SUBTRACTION** |

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| ITEM 6 | ***Instruction:*** *Ask the pupils to subtract the numbers below.*   |  |  |  |  | | --- | --- | --- | --- | | 55  - 23 | 77  - 42 | 737  - 212 |  | |  |  |  |  | | 3930  - 1975 | 4437  - 2121 | 33265  - 13143 | 89765  - 47532 | |  |  |  |  | |
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| **Instruction:** Circle the problems that were correctly subtracted (these will be later transferred to a capture sheet for numeracy) and proceed to multiplication level below. | |

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| **MULTIPLICATION** |

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| ITEM 7 | ***Instruction:*** *Ask the pupil to multiply the numbers below.*   |  |  |  | | --- | --- | --- | | 6 × 4 = | 75 × 21 = | 17 × 25 = | |  |  |  | |  |  |  | | 211 × 32 = | 596 × 20 = |  | |  |  |  | |  |  |  | |  |  |  | |
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| **Instruction:** Circle the problems that were correctly multiplied (these will be later transferred to a capture sheet for numeracy) and proceed to division level below. | |

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| **DIVISION** |

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| ITEM 8 | ***Instruction:*** *Ask the learner to divide the numbers below.*   |  |  |  | | --- | --- | --- | | 8 ÷ 2 = | 15 ÷ 3 = | 25 ÷ 5 = | | 112 ÷ 28 = | 220 ÷ 55 = |  | |  |  |  | |  |  |  | |
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| **Instruction:** Circle the problems that were correctly divided (these will be later transferred to a capture sheet for numeracy) and proceed to word problem level below. | |

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| **WORD PROBLEMS** |

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| ITEM 9 | ***Instruction:*** *Read to the pupil the two word problems below.* |
|  | **1.** A town has 240 children and 455 adults. How many people are in the town? |
| **2.** Musa harvested 1,547 bags of maize. He sold 1,239 bags. How many bags are left? |
| **Instruction:** Circle the problems that were correctly solved (these will be later transferred to a capture sheet for numeracy). Cross-check whether you have scored all the items. Once you have confirmed that the all the items have been scored, thank the pupil and END THE TEST. | |