**RAPID MATHEMATICS ASSESSMENT**

**GRADE 2**

**TEACHER’S BOOKLET**

*Dear teacher,*

*In any assessment, it is important thatyou have read the general instructions and have studied the assessment tasks carefully before you administer them.*

*This Rapid Mathematics Assessment toolkit consists of the following:*

* *Teacher’s Booklet*

*This is your guide in administering the assessment. It consists of the tasks, the time allotted for each task, the answers, and the instructions that you will give to the learner. You will also see some icons which are described below.*

* *Learner’s Booklet*

*It contains the tasks that the learners need to perform, either orally or in writing. There should be one booklet for each learner.*

* *Learner’s Score Sheet*

*This is where you indicate the score of the learner for each item. You will also see a column for Remarks where you write incorrect answers, strategy used, and other important information regarding the learner’s responses.*

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| --- | --- |
| A silhouette of a person's head        Description automatically generated with medium confidence | Tells you to read orally to the learner |
| A hand pointing at a book  Description automatically generated with low confidence | Instructions for you to do before and during the assessment |
| Hourglass Finished with solid fill | Allotted time for each task |
| Stopwatch outline | Allotted time for each subtask |

*Be sure that you have the complete kit before starting the assessment.*

**General Instructions**

*Remember to establish a relaxed rapport and comfortable environment with the learner. You may start some simple conversations about topics that you think may interest him/her. You have about one to two minutes to do this. It will be good that the learner perceives this assessment as something like a game or an activity to be enjoyed rather than as a test that learners dread.*

*Tell the learner the following:*

*This is NOT a test and your score will not affect your grade in mathematics. There are some tasks that are needed to be answered orally and some by writing in your booklet. You need to do each task within a given time. I will use a timer to know when the time is up.*

*When the child is ready, start the assessment.*

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| **Task A:  Number Identification** | **4 points** | | 55 seconds |
| Lantawa ang mga numero. Sabton ang mga pamangkot tuhoy sa sini nga mga numero. A silhouette of a person's head  Description automatically generated with medium confidence  **375**    Give the learner **5 seconds** to study the given number.  A silhouette of a person's head  Description automatically generated with medium confidence   1. Paano mo basahon ang numero?   A silhouette of a person's head  Description automatically generated with medium confidence   1. Ano ang place value sang 7?   A silhouette of a person's head  Description automatically generated with medium confidence   1. Ano ang value sang 7?   A silhouette of a person's head  Description automatically generated with medium confidence   1. Ano ang expanded form sang sini nga numero? Isulat ang sabat sa imo booklet.  |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  10 seconds  *A1. Three hundred seventy-five*  Stopwatch outline  10 seconds  *A2. Tens place*  Stopwatch outline  10 seconds  *A3. Seventy*  Stopwatch outline  20 seconds  *A4. 300 + 70 + 5* |
| **Task B:  Number Discrimination** | **1 point** | | 40 seconds |
| Ipakita ang number sentence.  Maghatag sang three-digit number nga mas madamo kaysa 857. Himu-a nga gabay ang numero nga nasa tens place.    Give the learner **10 seconds** to study the given number sentence.    **\_\_ 5 \_\_ > 857**    A silhouette of a person's head  Description automatically generated with medium confidence  Isulat ang kulang nga numero sang three-digit number sa inyo booklet.   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Possible answers: *B1 858, 859, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959* |
| **Task C: Missing Number in Patterns** | | **4 points** | 120 seconds |
| Tun-i sing maayo ang mga number pattern. Ano ang husto nga numero ang nagakadapat sa kahon? Isulat ang sabat sa inyo booklet.A silhouette of a person's head  Description automatically generated with medium confidence   * + - 1. 65, 60, 55, 50, , 40       2. 10, 13, 16, 19, 22,  1. 450, 550, 650, , 850, 950 2. 350, 300, 250, 200, , 100  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Answers:  *C1. 45*  *C2. 25*  *C3. 750*  *C4. 150* |
| **Task D: Missing Unit Fractions** | | **2 points** | 120 seconds |
| Ang mga unit fraction nakapasunod halin sa diutay pakadto sa mas daku. Isulat ang husto nga unit fraction agud makompleto ang pattern. A silhouette of a person's head  Description automatically generated with medium confidence  ,  ,  ,  ,       |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Possible Answers:  *D1a. or*  *D1b. or* |
| **Task E: Addition** | | **4 points** | 120 seconds |
| Make sure you have the following materials prepared.  (flat) (long) (short) | | |  |
| Ang magamay nga cube nagapakita sang ones; ang malaba nagapakita sang tens; kag ang matapan ang hundreds. Ang numero **123** ginapakita gamit ang mga ini.  **123**  (100)  (20)  (3)  Give the learner **10 seconds** to study the representation of the given number. | | |  |
| Isulat ang kabilugan nga numero nga ginapakita sang magamay, malaba kag matapan nga cubes. A silhouette of a person's head  Description automatically generated with medium confidence    V   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline  30 seconds  Answer:  *E1. 355*  30 secondStopwatch outlines  Answer:  *E2. 282* |
| Sabti ang mga masunod.A silhouette of a person's head  Description automatically generated with medium confidence  3.   |  |  | | --- | --- | | 1. 152   + 234 | b) 457  + 36 |  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 50 secondsStopwatch outline  Answers:  *E3a. 386*  *E3b. 493* |
| **Task F: Adding Word Problem** | | **1 point** | 60 seconds |
| Read the problem slowly and clearly. To focus the learner’s attention, point to the words or numbers referred to in the problem.  A silhouette of a person's head  Description automatically generated with medium confidenceAng table nagapakita sang natipon nga mga botelya sang Grade 2 nga mga estudyante. Ang Grade 2 - Maya nakatipon sang 128 samtang ang Grade 2 – Agila may 93. Pila ang kabilugan sang natipon nga botelya? Isulat ang sabat sa inyo booklet.   |  |  | | --- | --- | | Mga Botelya nga Natipon sang mga Estudyante sa Grade 2 | | | Section | Natipon nga Botelya | | Grade 2 - Maya | 128 | | Grade 2 - Agila | 93 | | Pila tanan ang natipon nga botelya? | |  |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Answer:  *F1. 221 or 221 bottles* |
| **Task G: Subtraction** | | **4 points** | 90 seconds |
| Tun-i ang laragway sa sulod sang 15 segundos. A silhouette of a person's head  Description automatically generated with medium confidence  Pila ka pahu ang mabilin kon buhinan mo ini sang 14 ka bilog? A silhouette of a person's head  Description automatically generated with medium confidence  1.     |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | | Stopwatch outline  15 seconds  Answer:  *G1. 21 or 21 mangoes* |
| Sabti ang mga masunod.. A silhouette of a person's head  Description automatically generated with medium confidence  2.   |  |  |  | | --- | --- | --- | | a)  92  - 21 | b)  137  - 75 | c)  396  - 178 |  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | 60 secondsStopwatch outline  Answers:  *G2a. 71*  *G2b. 62*  *G2c. 218* |
| **Task H: Subtracting Word Problem** | | **2 points** | 60 seconds |
| Pamati-i sing maayo ang word problem nga akon basahon. Sabti ini kag isulat ang solusyon sa imo booklet.  A silhouette of a person's head  Description automatically generated with medium confidence   * + - 1. Nangdugos sang pahu si Jose. Nakakuha sia sang 125 ka pahu.Ginhatag niya ang 12 sa iya kaingud. Pila ang nabilin nga pahu kay Jose?   A silhouette of a person's head  Description automatically generated with medium confidence   * + - 1. Nagbakal sang bayu si Carla nga nagabili sang P225.00. Pila ang iya sensilyo kon P250.00 ang iya ginbayad?  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | | Stopwatch outline   1. seconds   Answer:  *H1.* *125*  *- 12*  *113 or 113 mangoes*  Stopwatch outline  30 seconds  Answer:  *H2.* *P250.00*  *- 225.00*  *P 25.00* |

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| **Task I: Multiplication** | **6 points** | 70 seconds |
| Read the questions slowly and clearly. To focus the learner’s attention, point to the words or numbers referred to in the question. | |  |
| A silhouette of a person's head  Description automatically generated with medium confidenceTun -i ang laragway sang naka grupo nga mga dulce. Ano nga multiplication sentence (A, B, or C) ang naga laragway sa grouping sang mga dulce? Bilugan ang letra sang sabat.     |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | Stopwatch outline15 seconds  Answer:  *I1. C* |
| Sa diin nga multiplication sentence (A, B, or C) ang nagalaragway sang grupo sang mga bituon? Bilugan ang letra sang husto nga sabat. A silhouette of a person's head  Description automatically generated with medium confidence    4 x 5 = 10  C  4 x 5 = 20  A  2 x 10 = 20  B   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | 15 secondsStopwatch outline  Answer:  *I2. A* |
| Isulat ang kulang nga numero agud mangin husto ang multiplication sentence. A silhouette of a person's head  Description automatically generated with medium confidence   1. 4 x 1 = \_\_\_ 2. 5 x 4 = \_\_\_ 3. \_\_\_ x 9 = 0 4. 2 x \_\_\_ = 18  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | Stopwatch outline40 seconds  Answers:  *I3a. 4*  *I3b. 20*  *I3c. 0*  *I3d. 9* |
| **Task J: Division** | **4 points** | 75 seconds |
| Bahin-bahinon ang mga bola sa tatlo ka parte. May pila ka bola ang tagsa ka paA silhouette of a person's head  Description automatically generated with medium confidencerte?       |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response |     Sabti ang number problem. Isulat ang sabat sa blank. A silhouette of a person's head  Description automatically generated with medium confidence   1. 25 5 = \_\_\_\_\_\_ 2. 32 4 = \_\_\_\_\_\_  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response |   A silhouette of a person's head  Description automatically generated with medium confidence  Pamati-i sing maayo ang word problem nga akon basahon.  3. *Word Problem*  May 15 ka kapayas nga inugsulod sa basket. Kon ang kada basket may unod nga 3 ka kapayas, pila ka basket ang kinahanglan agud masulod ang tanan nga kapayas?   |  |  | | --- | --- | | Scoring Guide | | | 1 | correct response | | 0 | incorrect or no response | | | 15 secondsStopwatch outline  Answer:  *J1. 4 or 4 balls*  Stopwatch outline  30 seconds  Answers:  *J2a. 5*  *J2b. 8*  Stopwatch outline  30 seconds  Answer:  *J3. 5 or 5 baskets* |
| **Task K: Geometric Pattern** | **7 points** | 60 seconds |
| Tun-i sing maayo ang shape pattern.A silhouette of a person's head  Description automatically generated with medium confidence  , , , , , , \_\_\_ , \_\_\_ , \_\_\_ , \_\_\_  A silhouette of a person's head  Description automatically generated with medium confidence   * + - 1. Hingalani ang tagsa ka kurte.   A silhouette of a person's head  Description automatically generated with medium confidence   * + - 1. Idrowing ang kulang nga kurte sa shape pattern.  |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | Stopwatch outline  20 seconds  *K1a – K1c. (in any order) Circle, half-circle or semi-circle, square*  40 secondsStopwatch outline  Answers:  *K2a. Circle*  *K2b. Half-circle*  *K2c. Square*  *K2d. Circle* |
| **Task K: Geometric Visualization** | **5 points** | 30 seconds |
| Tun-i ang figures. A silhouette of a person's head  Description automatically generated with medium confidence  Bilugi ang figure nga may flat surface.  A black and white drawing of a pyramid  Description automatically generated with low confidence **A picture containing sphere, ball  Description automatically generated**   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | 15 seconds Stopwatch outline  Answers:  *L1a -L1c.*  A black and white drawing of a pyramid  Description automatically generated with low confidence |
| A silhouette of a person's head  Description automatically generated with medium confidence 2. Bilugi ang figure nga may curved surface.  A black and white drawing of a pyramid  Description automatically generated with low confidence   **A picture containing sphere, ball  Description automatically generated**   |  |  | | --- | --- | | Scoring Guide | | | 1 | for each correct response | | 0 | incorrect or no response | | | 15 seconds Stopwatch outline  Answers:  *L2a – L2b.*  **A picture containing sphere, ball  Description automatically generated** |

Writers:

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