

**Problem-solving**

**Cohort** Primary

**Country** Uganda

**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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| **PROBLEM-SOLVING** |
| **Instructions**  Greet the child. Explain to the child the purpose of the assessment. Ask the child whether s/he agrees to take the assessment. If the child declines to take the assessment, do not force him/her, thank him/her for his/her time and assure him/her that it is ok for him/her to leave; and select another child.  **Practice Questions**  **Say*,*** *I’m going to tell you a story and then ask you some questions. These questions will not be scored but will help you to give you an idea of the questions that I will be asking.* |

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| **PRACTICE QUESTION**  It is break time. Mohammed wants to have his break snack with his friend Frank, but Juma calls Mohammed to come and join his group. | |
| 1 | What should Mohammed do?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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| 2 | Do you think Juma is fair in asking Mohammed to join his group? Why?   |  |  |  | | --- | --- | --- | | A. | Yes |  | | B. | No |  |   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 3 | If you were Mohammad’s friend, what would you advise him to do. Give a reason for your answer.  **Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
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| **PROBLEM-SOLVING** | |
| ***Say to the pupil:*** *Now, I am going to tell you an interesting story. After I have told you the story, I will ask you some questions. Listen carefully, okay? You may ask me to re-tell the story as many times as you want. Please note that from now on, I will be scoring your responses.*  ***Read out the story slowly, clearly, and fluently.*** | |
| ***ITEM 1 - 4***  **Scenario 1**  Last week, Maria borrowed a ball from her friend, Tom. Maria was very happy when Tom gave her the ball. Yesterday, Maria lost the ball that she borrowed from Tom. Maria can now see Tom coming to her house. | |
| ***Say to the pupil:*** *Now, I am going to ask you some questions about the statement, please feel free to ask me to read again, if you would like me to.* | |
| 1 | What problem is Maria facing?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 2 | What should Maria do?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 3 | Give a reason for your answer.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 4 | What might happen if Tom finds out the truth?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| **PROBLEM-SOLVING** | |
| ***Say to the pupil:*** *Now, I am going to tell you another interesting story. After I have told you the story, I will ask you some questions. Listen carefully, okay? You may ask me to re-tell the story as many times as you want.*  ***Read out the story slowly, clearly, and fluently.*** | |
| ***ITEM 5 - 8***  **Scenario 2**  John is a primary three boy. John’s class will be competing with primary four in running. John is the fastest runner in primary three and can’t wait to win. On the day for running, his mother falls sick and asks him to stay home and help take care of his young brother, Jim. | |
| ***Say to the pupil:*** *Now, I am going to ask you some questions about the statement, please feel free to ask me to read again, if you would like me to.* | |
| 5 | What problem is John facing?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 6 | Mention two things that John should think about before making a decision.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 7 | a) If you were John, what would you do in this situation?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 8 | Give a reason for your answer.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| **PROBLEM-SOLVING** | |
| ***Say to the pupil:*** *Now, I am going to tell you another interesting story. After I have told you the story, I will ask you some questions. Listen carefully, okay? You may ask me to re-tell the story as many times as you want.*  ***Read out the story slowly, clearly, and fluently.*** | |
| ***ITEM 9 - 14***  **Scenario 3**  Tim’s father borrowed one hundred thousand shillings from the bank so that he could buy a motorcycle. After two weeks, Tim’s father was involved in an accident. Tim’s father got injured in the accident and his motorcycle was destroyed.  Because of his injuries, his father cannot work as a boda-boda cyclist and has now lost his job. Now that he has lost his job, he cannot repay the one hundred thousand that he owes to the bank. To make things worse, Tim has important examinations in a month’s time.  Tim and his unemployed mother are unhappy. | |
| ***Say to the pupil:*** *Now, I am going to ask you some questions about the statement, please feel free to ask me to read again, if you would like me to.* | |
| 9 | Mention two things that are making Tim unhappy.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 10 | Name two problems that Tim’s father is facing.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 11 | How could Tim’s mother help them family in this situation?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 12 | Which would be a better way for Tim to help the family?   |  |  |  | | --- | --- | --- | | A. | Tim to leave school so that his parents don’t have to worry about school fees |  | | B. | Tim to stay in school and sit for his examination |  | |
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| 13 | Give a reason for your answer.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| 14 | What can Tim’s father do to help him solve some of his family problems?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| Thank the pupil for his/her participation and end the assessment. | |