

Introduction

This diagnostic assessment is designed to evaluate the understanding of reading comprehension and basic mathematics skills in students aged 7-9 years old. The assessment consists of three sections: Reading Comprehension, Basic Mathematics, and an Integrated Task.

Section 1: Reading Comprehension

Multiple Choice Questions

Choose the correct answer for each question:

1. Who is the main character in the story?
 - a) The hero
 - b) The villain
 - c) The friend
 - d) The family member
2. What is the main event in the story?
 - a) A birthday party
 - b) A trip to the park
 - c) A visit to the zoo
 - d) A move to a new house
3. Who is the author of the story?
 - a) John Smith
 - b) Jane Doe
 - c) Bob Johnson
 - d) Not mentioned
4. What is the setting of the story?
 - a) A city
 - b) A town
 - c) A village
 - d) A farm
5. What is the moral of the story?
 - a) Honesty is the best policy
 - b) Kindness goes a long way
 - c) Sharing is caring
 - d) Not mentioned

Short Answer Questions

Page 1 of 7

Answer each question in complete sentences:

1. Describe the main character in the story.

2. Summarize the main events in the story.

Section 2: Basic Mathematics

Multiple Choice Questions

Choose the correct answer for each question:

1. If I have 5 pencils and I add 2 more, how many pencils do I have now?
a) 5
b) 6
c) 7
d) 10
2. If I have 8 crayons and I take away 1, how many crayons do I have left?
a) 7
b) 8
c) 9
d) 10
3. If I have 3 blocks and I add 1 more, how many blocks do I have now?
a) 3
b) 4
c) 5
d) 6
4. If I have 9 buttons and I take away 2, how many buttons do I have left?
a) 7
b) 8
c) 9
d) 10
5. If I have 1 book and I add 0 more, how many books do I have now?
a) 0
b) 1
c) 2
d) 3

Interactive Quiz

Solve each math problem:

1. $2 + 2 =$ _____
2. $5 - 1 =$ _____
3. $1 + 1 =$ _____
4. $8 - 2 =$ _____
5. $3 + 0 =$ _____

Section 3: Integrated Task

Read and Respond

Read the following story and answer the math problem:

"Tom has 5 apples. He gives 2 apples to his friend. How many apples does Tom have left?"

Then, summarize the story:

Marking Guide

Accuracy and completeness of answers

Understanding of main characters and story plots

Ability to apply basic math operations

Clarity and coherence of written responses

Rubric

Multiple Choice Questions: 1 point for each correct answer

Short Answer Questions: 5 points for each question

Interactive Quiz: 1 point for each correct answer

Integrated Task: 10 points

Implementation Guidelines

Time Allocation: 30 minutes

Administration Tips:

- Ensure students have access to pencils, paper, and any necessary materials.
- Read the instructions clearly and provide examples if necessary.
- Encourage students to ask questions if they are unsure about any part of the assessment.
- Consider providing extra time or support for students with special needs.

Differentiation Options

For students with special needs:

- Provide extra time to complete the assessment
- Offer one-on-one support or accommodation
- Use assistive technology (e.g., text-to-speech software)

For English language learners:

- Provide bilingual support or translation
- Offer visual aids or graphic organizers to support comprehension
- Allow students to complete the assessment in their native language

For gifted students:

- Provide additional challenges or extension activities
- Offer more complex or open-ended questions
- Encourage students to create their own math problems or stories

Teaching Tips

Use Bloom's Taxonomy to create questions that assess different levels of cognitive complexity (e.g., remembering, understanding, applying, analyzing, evaluating, creating).

Incorporate multiple intelligence approaches (e.g., visual, auditory, kinesthetic) to engage students and provide different learning pathways.

Use clear success criteria and provide feedback opportunities to help students understand their strengths and weaknesses.

Consider using evidence collection methods (e.g., portfolios, self-assessment) to monitor student progress and inform instruction.

Use the assessment results to inform instruction and adjust teaching strategies to meet the needs of diverse learners.

