

THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

SCIENCE AND TECHNOLOGY

Grade 4 – 2026

LEARNER'S NAME: _____

ASSESSMENT NUMBER: _____ DATE: _____

SCHOOL NAME: _____

INSTRUCTIONS TO LEARNERS

1. This paper consists of 9 questions.
2. Answer ALL the questions in the spaces provided.

The grid below to be filled by the teacher after scoring the learners' work. During uploading, the teacher to upload the scores per task.

Tasks	Living Things	Matter	Force and Energy
Question Numbers	1 - 3	4 - 6	7 -9
Max. Score	8	8	9
Learner's Score			

This paper has 4 printed pages

1. A learner planted two flowers. She watered one flower every day but did not water the other one.

a) State what is likely to happen to the flower that was not watered. (1 mark)

b) Identify the characteristic of plants the learner was studying. (1 mark)

2. Two animals are described below:

- Animal 1: A goat.

- Animal 2: A grasshopper.

a) A learner says that both animals are vertebrates because they have legs and can move. Do you agree with the learner? Give a reason for your answer. (1 mark)

b) State one structure in the bodies of the goat and the grasshopper that can be used to group them. (1 mark)

3. Peter likes eating food without washing his hands.

a) Name two problems Peter may get. (2 marks)

b) State two ways Peter can keep his digestive system healthy. (2 marks)

4. Abdi has water in a glass and air in a balloon.

a) State what happens to the shape of water when it is poured into the glass. (1 mark)

b) Give two reasons why air in the balloon is a form of matter. (2 marks)

5. Two learners are disposing of solid waste.

- Learner 1 places a plastic bottle into a covered waste bin.
- Learner 2 places solid waste in an open area where rubbish is scattered on the ground.

a) Identify the learner who is demonstrating proper waste management. (1 mark)

b) Give two reasons why proper management of solid waste is important. (2 marks)

6. A learner is brushing her teeth at a sink. The tap is running while she brushes her teeth.

a) Identify one way the learner is wasting water. (1 mark)

b) Suggest one action the learner should take to conserve water while brushing her teeth. (1 mark)

7. A child is playing with a toy car. The child applies a force by pushing the toy car forward. The toy car is then moved on a rough floor.

a) State one effect of the force on the toy car. (1 mark)

b) The toy car slows down on the rough floor. Explain why the toy car slows down. (2 marks)

8. The windows of a classroom are made of clear glass. On a cloudy day, the classroom is very dark. The teacher advises the learners to open the windows for more light.

a) Do you agree with the teacher's advice? Give a reason for your answer. (1 mark)

b) Suggest one way of making the classroom brighter on a cloudy day. (1 mark)

9. During a scout camping trip, learners have little firewood. They need heat for cooking food and keeping warm during the cold evening.

a) If the learners could use the firewood for only one purpose first, which purpose would you choose?
Give a reason for your choice. (1 mark)

b) Explain what might happen to the learners' food if it is not heated properly during cooking. (1 mark)

c) Suggest two safety measures the learners could develop when using heat. (2 marks)

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