



THE KENYA NATIONAL EXAMINATIONS COUNCIL

**SCHOOL BASED ASSESSMENT
SCIENCE AND TECHNOLOGY PROJECT
GRADE 5
SCORING GUIDE**

This document consists of 5 printed pages.

CHECKLIST

NAME OF THE LEARNER

STRAND: ENVIRONMENT

SUB STRAND: SOLID WASTE MANAGEMENT

This project assesses the following core competences: Critical thinking, communication and collaboration and creativity and imagination. Core values: Responsibility and respect

STANDARDS: The learner can;

- a) identify ways of managing solid waste in their locality.
- b) use proper safety measures in solid waste management.
- c) appreciate the need for proper management of solid waste in the environment.

Criteria	Indicators	Maximum score	Learner's score	Teacher's Remarks
Communication: Sourcing and recording information	a) Writes relevant short notes and draws the toy to be made. (3) b) Writes irrelevant short notes but draws the toy to be made. (2) c) Writes no notes but draws the toy to be made. (1) d) Assisted to write short notes and to draw diagram. (0)	3		
Collaboration: Discussing how to make a toy	a) Actively and confidently shares information on how to make a toy. (2) b) To some extent shares information on how to make the toy. (1)	2		
Drawing a sketch of a toy	i) Draws the sketch of a toy (1) ii) Assisted to draw and label the sketch of water filter (0)	1		
Collecting materials for making the toy	a) Collects appropriate, enough locally available solid waste. (3) b) Collects appropriate but not enough locally available solid waste. (2) c) Assisted to collect locally available solid waste. (1)	3		
Using materials to make the toy	a) Appropriately uses all the materials collected to make the toy. (3) b) Appropriately uses some of the materials collected to make the toy. (2) c) Assisted to use the materials collected to make the toy. (1)	3		
Making the toy	a) Makes functional and suitable toy. (4) b) Makes functional but not suitable toy. (3) c) Makes a toy which is not functional. (2)	4		

	d) Assisted in making the toy (1) e) Buys the toy/ makes the toy but not with solid waste. (0)			
Orally identifying the way of managing solid waste used in the project.	a) Correctly identifies the way of managing solid waste used in the project. (1) b) wrongly identifies way of managing solid waste used in the project. (0)	1		
Orally discussing the way of managing solid waste.	a) Correctly discusses the way of managing solid waste used in the project. (1) b) Fails to discuss the way of managing solid waste used in the project. (0)	1		
Stating two other ways of solid waste management used in the locality.	a) Correctly states two other ways of solid waste management used in the locality. (2) b) States only one other way of solid waste management used in the locality. (1)	2		
Orally discussing the other ways of managing solid waste.	a) Correctly discusses two other ways of solid waste management used in the locality. (2) b) Discusses only one other way of solid waste management used in the locality. (1)	2		
Demonstrating how the toy functions	a) Accurately demonstrates how the toy functions (1) b) Assisted in demonstrating how the toy functions (0)	1		
Observing safety	a) Demonstrates safe handling of tools and solid waste throughout the project (2) b) Demonstrates safe handling of tools only or solid waste only throughout the project (1) c) Rarely demonstrates safe handling of materials and solid waste throughout the project (0)	2		
TOTAL SCORE		25		



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GRADE 4 SCHOOL BASED ASSESSMENT

SCIENCE AND TECHNOLOGY PROJECT SCORE SHEET

S. N	Name of Learner	Learner's Score
1		
2		
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21		

SUMMARY ASSESSMENT

SCORE RANGE	PERFORMANCE LEVEL	DESCRIPTION
21-25	4	Exceeding Expectation
14-20	3	Meeting Expectation
7-13	2	Approaching Expectation
0-6	1	Below Expectation

Teacher's general comments on the learner's performance

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Name of the teacher

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Signature Date of assessment

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