



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT
SCIENCE AND TECHNOLOGY PROJECT
GRADE 4
SCORING GUIDE

CHECKLIST FOR THE TASK

STRAND: MATTER

SUB STRAND: PROPERTIES OF MATTER
(Floating and Sinking)

This project assesses the following core competences:

- Critical thinking and problem solving as they explain and demonstrate how a floater is used.
- Communication and collaboration as learners source, record information and discuss in groups.
- Creativity and imagination as learners collect materials and make the functional floater.
- Digital literacy as they use digital devices to source for information on how to make a functional floater.
- Learning to learn as they source for information on making functional floaters, and organise their own learning.

Core values: Responsibility, love and respect as they work in groups.

STANDARDS: The learner can;

- make a functional floater using locally available materials.
- demonstrate how to use a floater.
- appreciate use of floaters as life savers.

Criteria	Indicators	Maximum score	Group's score	Teacher's Remarks
Sourcing and recording information	a) Writes relevant short notes and sketching of a functional floater. (3) b) Writes some short notes and sketching of a functional floater. (2) c) Writes short notes without a sketch or draws a sketch without short notes. (1)	3		
Collecting materials for making a functional floater	a) Collects appropriate, enough locally available materials. (3) b) Collects appropriate but not enough locally available materials. (2) c) Collects locally available materials but not appropriate. (1)	3		
Making the functional floater	Aspects: <ul style="list-style-type: none">• Functionality• Durability• Proportionality	5		

	<ul style="list-style-type: none"> • Aesthetics • Portability a) All the five aspects present. (5) b) Only 4 aspects present. (4) c) Only 3 aspects present. (3) d) Only 2 aspects present. (2) e) Only 1 aspect present. (1)			
Observing safety	a) Demonstrates safe handling of materials throughout the project (2) b) Rarely demonstrates safe handling of materials throughout the project (1)	2		
Displaying the finished functional floater.	Aspects: <ul style="list-style-type: none"> • Neatness • Visibility • Creativity a) All the 3 aspects present. (3) b) Only 2 aspects present. (2) c) Only 1 aspect present. (1)	3		
Explaining how the floater is used	Aspects: <ul style="list-style-type: none"> • Correct content • Clarity of explanation a) Both aspects present. (2) b) Only 1 aspect present. (1)	2		
Demonstrating how the floater works	a) Accurately demonstrates how the floater works (2) b) To some extent demonstrates how the floater works (1)	2		
TOTAL SCORE		20		

ASSESSMENT SUMMARY

(Tick the appropriate group performance level)

SCORE RANGE	PERFORMANCE LEVEL	DESCRIPTION
16-20	4	Exceeding Expectation
11-15	3	Meeting Expectation
6-10	2	Approaching Expectation
1-5	1	Below Expectation

Teacher's general comments on the group's performance

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Name of the teacher..... TSC No.....

Signature Date of assessment

SCIENCE AND TECHNOLOGY PROJECT SCORE SHEET

S/N	Name of Learner	Learner's Score
1		
2		
3		
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