



THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT SCIENCE AND TECHNOLOGY PROJECT GRADE 5 SCORING GUIDE

CHECKLIST FOR THE TASK

STRAND: EARTH & SPACE

SUB STRAND: MOON

This project assesses the following core competences:

Communication and collaboration as learner participates in group work, and imagination and creativity as the learner models the phases of the moon.

Core values: Responsibility as the learner models the phases of the moon.

STANDARDS: The learner can;

- a) identify different phases of the moon.
- b) model phases of the moon.

Criteria	Indicators	Maximum score	Group's score	Teacher's Remarks
Sourcing and recording of information on how to make a floater	a) Writes relevant short notes and sketching of phases of the moon. (3) b) Writes some short notes and sketching of phases of the moon. (2) c) Writes short notes without a sketch or draws a sketch without short notes. (1)	3		
Collecting materials for modeling phases of the moon	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 a model showing phases of the moon	Aspects: <ul style="list-style-type: none">• Functionality• Durability• Proportionality• 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)	5		

	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 model showing phases of the moon.	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 the different phases of the moon.	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 phases change	a) Accurately demonstrates how the phases change (2) b) To some extent demonstrates how the phases change (1)	2		
TOTAL SCORE		20		

ASSESSMENT SUMMARY

(Tick the appropriate group performance level)

SCORE RANGE	PERFORMANCE LEVEL	DESCRIPTION	GROUP'S PERFORMANCE LEVEL
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



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GRADE 5 SCHOOL BASED ASSESSMENT

SCIENCE AND TECHNOLOGY PROJECT SCORE SHEET

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