



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**SCHOOL BASED ASSESSMENT  
INTEGRATED SCIENCE PROJECT  
GRADE 7  
SCORING GUIDE**

**This document consists of 4 printed pages.**

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## CHECKLIST

**NAME OF THE LEARNER**.....

**STRAND:** LIVING THINGS AND THEIR ENVIRONMENT

**SUB STRAND:** HUMAN EXCRETORY SYSTEM

This project assesses the following:

Core competences: Critical thinking and problem solving, communication and collaboration,  
creativity and imagination, self-efficacy and digital literacy.

**STANDARDS:** The learner can;

- a) identify parts of the human urinary system.
- b) describe functions of parts of the human urinary system.

Criteria	Indicators	Maximum score	Learner's score	Teacher's Remarks
1. Sourcing and recording information.	a) Writes down relevant information and draws a well labelled diagram of the human urinary system. (3) b) Writes down relevant information and draws a diagram of the human urinary system without labelling. (2) c) Writes down irrelevant information and draws a well labelled diagram of the human urinary system. (2) d) Writes down relevant information only or draws a well labelled diagram of the human urinary system only. (1)	3		
2. Discussing how to make a model of the human urinary system.	a) Actively and confidently shares information on how to make a model of the human urinary system. (2) b) Either actively or confidently shares information on how to make the model. (1)	2		
3. Using digital devices to get information from the internet on the project.	a) Uses digital devices to get information from the internet on the project. (1) b) Assisted to get information from internet. (0)	1		
4. Collecting materials needed to make a model of the human urinary system.	a) Collects appropriate and sufficient materials. (2) b) Some of the materials are neither appropriate nor sufficient. (1)	2		

5. Making a model of the human urinary system.	a) Makes a suitable and durable model of the human urinary system. (4) b) Makes suitable but not durable model of the human urinary system. (3) c) Makes a model of the human urinary system that is not suitable as a learning resource. (2) d) Assisted in making the model of the human urinary system. (1)	4		
6. Identifying parts of the human urinary system from the model. - Kidneys - Vessels serving the kidneys. - Ureter - Bladder - Urethra	a) Identifies any five parts. (5) b) Identifies any four parts. (4) c) Identifies any three parts. (3) d) Identifies any two parts. (2) e) Identifies any one part. (1)	5		
7. Describing the functions of the five parts of the heart from the model. - Kidneys - Vessels serving the kidneys. - Ureter - Bladder - Urethra	a) Correctly describes the functions of any five parts. (5) b) Correctly describes the functions of any four parts. (4) c) Correctly describes the functions of any three parts. (3) d) Correctly describes the functions of any two parts. (2) e) Correctly describes the functions of any one part. (1)	5		
8. Working effectively at an individual level to complete the project.	a) Works effectively at an individual level to complete the project. (1) b) Always assisted to complete the project. (0)	1		
9. Observing safety.	a) Demonstrates safe handling of materials throughout the project. (1) b) Occasionally demonstrates safe handling of materials throughout the project. (1)	2		
<b>TOTAL SCORE</b>		<b>25</b>		



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**GRADE 7 SCHOOL BASED ASSESSMENT**

**INTEGRATED SCIENCE PROJECT SCORE SHEET**

<b>S. N</b>	<b>Name of Learner</b>	<b>Learner's Score</b>
<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
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<b>16</b>		
<b>17</b>		
<b>18</b>		
<b>19</b>		

**SUMMARY ASSESSMENT**

<b>SCORE RANGE</b>	<b>PERFORMANCE LEVEL</b>	<b>DESCRIPTION</b>
24-25	4	Exceeding Expectation
19-23	3	Meeting Expectation
11-18	2	Approaching Expectation
0-10	1	Below Expectation

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