



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**  
**INTEGRATED SCIENCE SCORING GUIDE**

**GRADE 8 – 2024 REGULAR**

<b>Qn</b>	<b>Expected response</b>	<b>Scores</b>
1.	Iron _____ Fe Silver _____ Ag Copper _____ Cu	3
2.	a) <b>H</b> ; b) Impurities in river water; increased boiling point. c) No new substance is formed/its reversible.	1 2 1
3.	a) Dry maize acts as fuel in the fire triangle; cutting off dry maize removes the fuel; controlling the fire b) Pouring sand/soil/water on the fire	2 1
4.	a) <b>E</b> ; b) Regular shape/large vacuole/cell wall/chloroplast c) Product of magnification of eyepiece lens with objective lens	1 1 1
5.	a) Diffusion b) Water turned purple colour of potassium permanganate; molecules moved from high region of concentration to where they were in low concentration (the rest of the beaker)	1 2
6.	a) Gonorrhoea b) – Abstaining from sex - Being faithful to one an infected sexual partner - using condoms <span style="float: right;"><i>Any 2</i></span>	1 2
7.	Chemical Energy → Electrical Energy → Light Energy.	3
8.	a) <b>K</b> b) its flat; provides large surface area reduces pressure.	1 1 1

## ASSESSMENT RUBRICS-GRADE 8

S/N	Tasks	Maximum Score	Score's Range	Performance Level	Description
1	<b>Mixtures, elements, and compounds</b>	10	7-10	4	Exceeding Expectation
			5-6	3	Meeting Expectation
			2-4	2	Approaching Expectation
			0-1	1	Below Expectation
2	<b>Living Things and their environment</b>	9	6-9	4	Exceeding Expectation
			5	3	Meeting Expectation
			2-4	2	Approaching Expectation
			0-1	1	Below Expectation
3	<b>Force and Energy</b>	6	4-6	4	Exceeding Expectation
			3	3	Meeting Expectation
			2	2	Approaching Expectation
			1	1	Below Expectation

## INTEGRATED SCIENCE GRADE 8 SCORE SHEET

S/N	Assessment Number	Learner's Name	Task 1	Task 2	Task 3
1.					
2.					
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