



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**  
**SCIENCE AND TECHNOLOGY SCORING GUIDE**

**GRADE 5 - 2024**

Question Number	Expected response	Scores
1.	<b>M</b> -Stigma <b>N</b> -Produce/Provide pollen grains. <b>P</b> -Ovary	1 1 1
2.	Reptiles Amphibians	1 1
3.	<b>B</b> -Trachea <b>C</b> -Diaphragm	1 1
4.	<ul style="list-style-type: none"> <li>- Use a magnet to obtain iron filings from the mixture</li> <li>- Add water to dissolve the salt</li> <li>- Filter the mixture to obtain the salt solution and sand</li> <li>- Evaporate the water to obtain the salt.</li> </ul> <b>Award marks upto the last logical step</b>	1  1 1  1
5.	a. Animal waste/ cow dung/ Urine b. May cause water borne diseases c. Boiling, filtration,, chemical treatment, solar treatment d. Gum boots and gloves <b>Any 1</b>	1 1 3 1
6.	The heated air rises and heats the fish	1 1
7.	The metal spoon is a good conductor of heat so transfers heat to the hand  while the wooden spoon is a poor conductor of heat and does not transfer heat to the hand	1  1
8.	a. NO b. An object may be big but light hence floats while others may be small but heavy hence sink.	1 1 1
9.	May lead to hearing loss	1

### SCORING RUBRICS

Abilities Strand	(4) Exceeding Expectation	(3) Meeting Expectation	(2) Approaching Expectation	(1) Below Expectation	Question Numbers	Score
<b>Living Things (Task 1)</b>	Any learner scoring 6 to 7	Any learner scoring 4 to 5	Any learner scoring 2 to 3	Any learner scoring 0 to 1	<b>1-3</b>	<b>7</b>
<b>Matter (Task 2)</b>	Any learner scoring 8 to 10	Any learner scoring 6 to 7	Any learner scoring 3 to 5	Any learner scoring 0 to 2	<b>4-5</b>	<b>10</b>
<b>Force and Energy (Task 3)</b>	Any learner scoring 6 to 8	Any learner scoring 4 to 5	Any learner scoring 3	Any learner scoring 0 to 2	<b>6-9</b>	<b>8</b>

### SCORE SHEET

S. N O	Candidate's Name	Learner's Score		
		Task1 Living Things (Qns.1,2,3,4,5)	Task 2 Matter (Qns. 6,7,8,9,10,11,12)	Task 3 Force and Energy (Qns 13,14)
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