THE KENYA NATIONAL EXAMINATIONS COUNCIL

GENERAL SCIENCE

School Based Assessment (Project)

2026

Grade 10

Instructions to students

- Attempt **ALL** the 5 tasks in this project.
- Tasks 1 and 2 should be done individually, while tasks 3-5 should be done in groups of 2-4 members.
- Select **one** option in task 3 based on your pathway.
- With the teacher's approval, any learner may attempt either of the options in task 3.

Total Marks: 50

For Teacher's Use Only		
Task No.	**Max. Score**	**Student's Score**
1	**06**	
2	**13**	
3	**14**	
4	**12**	
5	**05**	
Total	**50**	

ATTEMPT ALL QUESTIONS

THE CONTEXT

The Silent Health Crisis: Non-Communicable Diseases (NCDs) and Our Cells

Learners at Elimu Senior School have noticed a worrying trend of their peers, parents, guardians, relatives and community members being diagnosed with type 2 diabetes, cardiovascular disease, hypertension and obesity. A school survey found that six out of every ten households in the community had at least one member living with a non-communicable disease (NCD) and yet most people do not know how the disease starts at the body cellular level.

As a young scientist in the school, you have been tasked to research, design and deliver a science-based public awareness campaign that will help the Elimu Senior School community understand:

(i) What body cells are and how they function
(ii) How lifestyle choices damage body cells.
(iii) The practical steps to protect body cells' health and reduce NCD risk.

Your campaign must be scientifically accurate and accessible to community members of all educational background.

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