



KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT SCIENCE AND TECHNOLOGY PROJECT Grade 4 – 2025

This document consists of 2 printed pages

INSTRUCTIONS TO THE TEACHER

(a) *This paper consists of **one** performance task:*

Task: Making a model of the human digestive system.

- (b) *The teacher to guide learners in selecting appropriate tools, materials, equipment and digital devices for carrying out the project.*
- (c) *The learners should be encouraged to use locally available resources as much as possible. They should **not** buy the model of the human digestive system.*
- (d) *The teacher should ensure that learners observe safety measures and precautions while using the various tools, materials, equipment and digital devices.*
- (e) *The learners may share tools, materials, equipment and digital devices where applicable.*
- (f) *The teacher will use the scoring guide provided to assess group's performance of the project.*
- (g) *The teacher will use the group's score as the individual learner's score.*

TASK: MAKING A MODEL OF THE HUMAN DIGESTIVE SYSTEM

- (a) Individually, learners to source information on how to make a model of the human digestive system from textbooks, resource persons, parents/guardians and or, the internet.
- (b) In groups, learners keep in a portfolio the short notes, sketches and pictures of the information they have sourced.
- (c) In groups of not more than 8 members, learners to share information in their portfolios and discuss how to make a model of the human digestive system.
- (d) Individually or in groups, learners to collect from the local environment the materials they will need to make a model of the human digestive system.
- (e) In groups, learners to make a model of the human digestive system using the materials collected.
- (f) Learners to display their finished product (a model of the human digestive system).
- (g) Learners to observe and comment/reflect on their peer's work and make suggestions for improvements.
- (h) The teacher to assess the functionality and suitability of the model of the human digestive system made by the learners.

Turn over

- (i) The teacher to ask each learner to orally identify parts of the digestive system represented by the model.
- Mouth
 - Gullet
 - Stomach
 - Small intestine
 - Large intestine
 - Rectum
 - Anus
- (j) The teacher to ask the learner to orally state functions of the various parts of the model representing the digestive system.

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