



THE KENYA NATIONAL EXAMINATIONS COUNCIL

**SCHOOL BASED ASSESSMENT
SCIENCE AND TECHNOLOGY PROJECT
Grade 7**

This document consists of 3 printed pages.

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INSTRUCTIONS TO THE TEACHER

- (a) This paper consists of **one** performance tasks: Making a model of the human urinary system.*
- (b) The teacher to guide learners in selecting appropriate tools, materials, and equipment for carrying out the project.*
- (c) The learners should be encouraged to use locally available resources as much as possible.*
- (d) The teacher should ensure that the learners observe safety measures and precautions while using the various tools, materials, and equipment.*
- (e) The task is to be performed in groups of 7 or 8.*
- (f) The learners may share tools, materials, and equipment where applicable.*
- (g) The teacher will use the scoring guide provided to assess individual or group performance of the project.*
- (h) Where the task is performed by a group the teacher will use the group's score as the individual learner's score.*
- (i) The teacher to enter the project's marks in the score sheet provided.*

MAKING A MODEL OF THE HUMAN URINARY SYSTEM.

- a) Individually, learners to source for information from textbooks, resource persons, parents or guardians, digital devices, and the internet on how to make a model of the human urinary system.
- b) Individually, learners to make short notes, draw and label the human urinary system.
- c) In groups of 7 or 8, learners to share information collected and discuss how to make a model of the human urinary system.
- d) Learners to identify the materials they will require to make a model of the

human urinary system.

- e) Learners to make a model of the human urinary system using the materials identified.
- f) Learners to display their finished product (a model of the human urinary system).
- g) Learners to observe and comment or reflect on their peer's work and make suggestions for improvement.
- h) The teacher to assess the suitability and durability of the model of the human urinary system made by the learners.
- i) The teacher to orally ask the learners to identify parts of the model of the human urinary system they have made.
- j) The teacher to orally ask the learners to describe to other learners the functions of the various parts of the model of the human urinary system and score using the scoring guide provided.

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