



KENYA NATIONAL EXAMINATIONS COUNCIL

**SCHOOL BASED ASSESSMENT
SCIENCE AND TECHNOLOGY PROJECT
Grade 5 - 2024**

This document consists of 3 printed pages.

INSTRUCTIONS TO THE TEACHER

- (a) This paper consists of **one** performance task: Making a toy using solid waste.*
- (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 solid waste as much as possible.*
- (d) The teacher should ensure that the learners observe safety measures and precautions while handling solid waste and while using the various tools, materials and equipment.*
- (e) The learners may share tools, materials and equipment where applicable.*
- (f) The teacher will use the scoring guide provided to assess individual or group's performance of the project.*
- (g) Where the task is performed by a group the teacher will use the group's score as the individual learner's score.*
- (h) The teacher to enter the project's marks in the score sheet provided.*

TASK 1: MAKING A TOY USING SOLID WASTE.

- (a)** Individually, learners to source for information on how to make a toy using solid waste from textbooks, resource persons, parents/guardians, digital devices and the internet.
- (b)** Individually, learners write down the information they have sourced and draw the toy they intend to make.
- (c)** In groups of 4 or 5, learners to share information collected and discuss how to make a toy.

- (d) Individually, learners to draw the toy they intend to make.
- (e) Individually or in groups, learners to collect the materials they will need for making the toy.
- (f) Individually or in groups, learners to make the toy using the materials identified.
- (g) Learners to display their finished product (toy).
- (h) Learners to observe and comment/reflect on their peer's work and make suggestions for improvements.
- (i) The teacher to assess the functionality and suitability of the toy made by the learners.
- (j) The teacher to orally ask the learners to demonstrate to other learners how the toy functions.
- (k) The teacher to orally ask the learners to identify the way of solid waste management practiced by making the toy.
- (l) The teacher to orally ask the learners to discuss the way of solid waste management in (k) above.
- (m) The teacher to orally ask the learners to state **two** other ways of solid waste management used in their locality.
- (n) The teacher to orally ask the learners to discuss the **two** other ways of solid waste management used in their locality.
- (o) The teacher to ensure safety of the learners throughout the project.
- (p) The teacher to score the learners work using the scoring guide provided.

THIS IS THE LAST PRINTED PAGE