KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT
SCIENCE AND TECHNOLOGY PROJECT
Grade 4 - 2023

This document consists of 2 printed pages.

INSTRUCTIONS TO THE TEACHER

*(a) This paper consists of **one** performance task:*
   Task: Making a functional floater using locally available materials.
(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 floaters.*
(d) The teacher should ensure that the 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.
*(h) The teacher to enter the project's marks in the assessment sheet as **task 7**.*

TASK: MAKING A FUNCTIONAL FLOATER

(a) Individually, learners to source for information on how to make a functional floater from textbooks, resource persons, parents/guardians and or, the internet.

(b) In groups, learners write short notes of the information they have sourced and sketch a functional floater.

(c) In groups of not more than 8 members, learners to share information collected and discuss how to make a functional floater.

(d) Individually or in groups, learners to collect the materials they will need for making the functional floater from the local environment.

(e) In the groups, learners to make the functional floater using the materials collected.

(f) Learners to display their finished product (functional floater).

(g) The teacher to assess the functionality and suitability of the functional floater made by the learners.

(h) The teacher to orally ask the learners to demonstrate to other learners how to use the floater.

(i) The teacher to orally ask the learners to explain how floaters are used as life savers.

(j) Learners to observe and comment/reflect on their peer's work and make suggestions for improvements.

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