



**THE KENYA NATIONAL EXAMINATIONS COUNCIL
KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT**

KJSEA

912/2

PRE-TECHNICAL STUDIES (*Project*)

Paper 2

JULY 2026

DURATION: 1 month

INSTRUCTIONS TO SCHOOLS

1. This is a project paper which should be taken in **1 month**, during Term II (July 2026).
2. Teachers are provided with scoring guides.
3. The project will be assessed in parts, where each task should be scored, and a record maintained for each learner.

This document consists of 4 printed pages

INTRODUCTION

- i. This project comprises of activities from all components of Pre-technical studies (Technical studies, Computer studies and Business studies).
- ii. With the guidance of the teacher, learners are required to fully undertake this project whose assessment scores will form part of the final summative assessment score for the learner.
- iii. Learners are expected to work in groups of 4-5.
- iv. Each member of the group is expected to be actively involved in the implementation of the project.
- v. It is recommended to use locally available materials in the implementation of the project.
- vi. The teacher will assess each task using the assessment rubrics provided.

TASKS

PART 1 - TECHNICAL STUDIES (28 Marks)

A pre-technical studies teacher realised that learners were losing their pens, pencils and rubbers quite often. The teacher then gave the learners a project to make a hexagonal-based pen holder using locally available materials. The pen holder can also be used for keeping items such as glue sticks, clips, whiteout and sharpeners.

Pictorial presentations of the pen holder are as shown in diagrams A and B

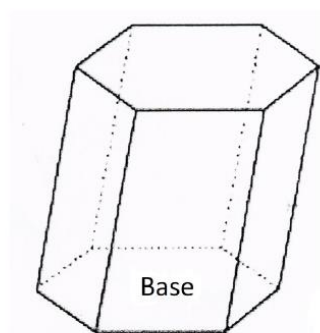


Diagram A (Detailed illustration of a pen holder)

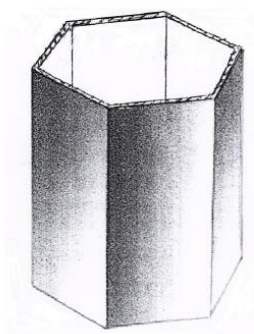


Diagram B (Finished product of the pen holder)

1. Choose an appropriate size and make a pictorial drawing of the pen holder with dimensions indicated. Use the A4 paper provided. (6marks)
2. Select locally available materials to use for making the pen holder and give **two** reasons for the selection. (3 marks)
3. Select appropriate tools to use from the following list:
 - Tape measure/steel rule
 - Claw hammer
 - Hack saw/Hand saw
 - Tenon saw
 - Trowel
 - Spirit level
 - Rasp

NOTE: Use any other appropriate tools as per the selected material.

- a) List the tools selected for use. (3 marks)
 - b) Use the selected tools for marking out and cutting the parts of the correct size and shaping where needed. (10 marks)
4. Assemble the parts using suitable methods of joining to complete the project. (6 marks)

PART 2 – COMPUTER STUDIES (6 Marks)

5. (a) Using a word processing application, prepare a report of the project activities containing the following: (3 marks)
 - (i) Names of group members
 - (ii) Materials used
 - (iii) Tools used
 - (b) Format the report to enhance its appearance. (1 mark)
6. Take a photo of the finished product and insert it in the document prepared in 5(a) (1 mark)
 7. Share the report with your teacher using an ICT communication tool. (1 mark)

PART 3 – BUSINESS STUDIES (6 Marks)

8. If the pen holder is to be sold, which **four** marketing tools would you use? (2 marks)
9. Identify **four** intermediaries that may be involved in selling the pen holder. (2 marks)
10. Which **four** entrepreneurial skills have been demonstrated throughout the project?
(2 marks)

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