

THE KENYA NATIONAL EXAMINATION AND ASSESSMENT PREDICTION

Candidate's Name		Assessment Number	
School Name		School Code	
Candidate's Signature		Date	

SERIES

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

712/2

PAPER 2

Time: 1 hour 40 minutes

PRETECHNICAL STUDIES (project)

TERM 2 ENDTERM 2025

Duration: 1 month

INSTRUCTIONS TO CANDIDATES

- You are supposed to work in groups of 4 to 5 learners.
- Each member of the group is expected to be actively involved in the implementation of the project.
- Use locally available materials in the implementation of the project as much as possible.
- In case of any clarification, seek help from your subject teacher.
- Your project will be assessed based on the criteria outlined in the tasks below.

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Task	Question Numbers	Maximum Score	Learner's Score
Task 1: Technical Skills	1, 2, 3, 4	14	
Task 2: Business skills	5, 6	3	
Task 3: Computer Skills	7, 8	3	
TOTAL SCORE		20	

This paper consists of 3 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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Turn over

PROJECT SCENARIO:

Your group will make a simple, useful item for the school or home using basic materials and tools. You will design, make, and present a **Simple Pencil Holder** using materials like cardboard, plastic bottles, or small wooden offcuts.

TASK 1: Technical Skills (14 Marks)

1. Design and Planning:

- a) As a group, brainstorm and agree on a design for your simple pencil holder. Consider its shape and size.
- b) Make a freehand pictorial sketch of your chosen design. The sketch should clearly show how the pencil holder will look. (4 marks)

(Space for sketch)

- c) List the main materials you will use to construct the pencil holder (e.g., cardboard tube, plastic bottle, small pieces of wood). (2 marks)

2. Material Preparation and Tool Selection:

- a) Based on your chosen materials, list at least three appropriate hand tools you will need for marking, cutting, and joining the parts of your pencil holder (e.g., ruler, pencil, scissors, knife, glue). (3 marks)

- b) Briefly describe one safety precaution you must observe when using a cutting tool like scissors or a knife. (1 mark)

3. Construction:

- a) Carefully measure, mark out, and cut the pieces according to your design sketch using the selected tools.
- b) Assemble the cut pieces using appropriate joining methods (e.g., glue, tape).
- c) Decorate your pencil holder (e.g., painting, covering with paper, drawing) to make it look nice.
- d) **Submission:** Present your completed Simple Pencil Holder. (Marking will be based on how well it is made and how it looks). (4 marks)

TASK 2: Business (3 Marks)

5. Usefulness and Cost:

- a) Explain why your pencil holder is useful. (1 mark)

- b) If you were to make more pencil holders to sell, suggest two things that would affect how much it costs to make one. (2 marks)

TASK 3: Computer Studies (3 Marks)

7. Documentation and Presentation:

- a) Take clear photos during the making of your pencil holder (e.g., showing the materials, cutting, joining, decorating). (1 mark)
- b) Create a simple electronic document (e.g., using word processing software on a computer or tablet) that includes the photos taken, showing the steps you followed to make the pencil holder. (2 marks)

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