**Candidate’s Name: ………………………………………………………… Assessment Number: …………………………………………**

**School Name: ……………………………………………………………………. School Code: …………………………………………………………**

**Candidate’s Signature: ………………………………..…………….Date: …………………………………………………….…………….**

**COMPETENCE BASED EDUCATION**

**KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT**

**712/2** **PRE-TECHNICAL STUDIES**

**PROJECT**

**JUNE 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 the locally available materials in the implementation of the project.

In case of any clarification, seek help from your subject teacher.

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| --- | --- | --- | --- |
| **Task** | **Question Numbers** | **Maximum Score** | **Learner’s Score** |
|  |  |  |  |
| Task 1 | 1, 2, 3 | 12 |  |
|  |  |  |  |
| Task 2 | 4, 5, 6 | 20 |  |
|  |  |  |  |
| Task 3 | 7, 8 | 08 |  |
|  |  |  |  |
| **Total** |  | **40** |  |

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

**TASK**

Your group wants to create a practical item that can help keep desks or workspaces tidy by organizing pens, pencils, rulers, and other small tools.

1. As a group, design a simple tool caddy. Make a freehand pictorial sketch to show how the tool caddy will look like and indicate the main measurements or proportions.

(6 marks)

1. Choose and list the locally available or recycled materials you will use for making the tool caddy (e.g., cardboard tubes, cereal boxes, wood scraps, plastic containers, fabric, etc.). Explain why you chose these materials.

(3 marks)

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1. Select appropriate tools from the following list or others available in your school workshop/home, needed for marking out, cutting, joining, and finishing the materials you chose.
   1. Tape measure
   2. Steel rule
   3. Marking pen/pencil
   4. Scissors
   5. Craft knife / Blade (use with caution and supervision)
   6. Saw (if using wood)
   7. Glue / Adhesive tape
   8. Stapler
   9. Paint / Fabric for decoration (optional)

List the tools selected.(3 marks)

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1. Use the selected tools to mark out and cut the parts of the tool caddy from your chosen materials according to your design.

(10 marks)

1. Assemble the parts carefully to make the tool caddy according to your sketch. Ensure it is stable and can hold items securely.

(10 marks)

1. Take videos/photos as you carry out each of the project tasks (designing, selecting materials/tools, marking out, cutting, and assembling).

(2 marks)

1. Create an electronic portfolio containing the videos/photos taken in question 6. Name the electronic portfolio with your ‘Group name’.

(6 marks)

1. State two benefits of using a tool caddy to organize a workspace.

(2 marks)

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