NAME:

MINISTRY OF EDUCATION, HERITAGE & ARTS

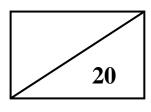
WORKSHEET 7 YEAR 10 2021

BASIC TECHNOLOGY & BASIC GRAPHIC TECHNOLOGY

STRAND 3: DESIGN AND ENTERPRISING

INSTRUCTIONS:

- Use your exercise book to do the question given below. 1
- Use the measurements given. All measurements are in millimeters 2.
- Show all your construction lines clearly. 3.



LONG ANSWER QUESTIONS

[20 marks]

Draw a detailed sketch to show how spice bottles are stacked safely (ii) on the **spice rack** .

QUESTION 1 DESIGN

Problem

In many homes, food **spice bottles** are paced and scatted everywhere in the kitchen area.

Brief

Design a **spice rack** to accommodate food spice bottles in the kitchen.

Specifications

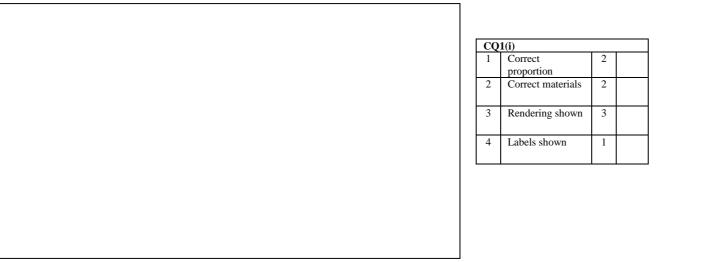
The following factors are to be taken into consideration when designing the spice rack.

- It must be strong.
- It must be secure and easy to construct. ٠
- It should have two shelves with 4 holes bored on each shelve to store at least 8 spice ٠ bottles.
- The materials to be used should be readily available and made from ٠ a combination of metal and timber.

Requirements

(i) In the space provided below, sketch a pictorial pencil or colour rendered final solution of the **spice rack**.

(8 marks)





HEADING

Materials

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(iii)

NAME:

(8 marks)

CQ1(ii)				
1	Correct proportion	3		
2	Evidence of being kept safely without falling shown	3		
3	Labels shown	2		

Explain the final solution according to the following heading:

(4 marks)

FINAL SOLUTION