

SANGAM SKM COLLEGE – NADI

YEAR 9

BASIC TECHNOLOGY

WORKSHEET : 5

Question 1: Drawing Symbols and Conventions

Required: Draw the following symbols

Name of symbols and conventions	Symbol
Sawn Timber	
Dressed timber	
Earth	
Distribution board	
Insulation	
Hardcore fill	
One way switch	
Two way switch	
Concrete	
Illuminating Lamp	
Socket outlet	

Question 2: PLANE GEOMETRY

GIVEN: below is a List of Words.

Drawing compass	Dividers	Tee square	Set squares	Protectors
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REQUIRED: To name instruments correctly

INSTRUMENT NAME	DESCRIPTION
	Step off and transfer distances.
	Used for drawing arcs, circles and stepping off distances.
	Used for measuring angles.
	two common types of set squares are $30^{\circ}/60^{\circ}/90^{\circ}$ and $45^{\circ}/45^{\circ}/90^{\circ}$ angles
	Used as a guide for drawing horizontal lines.

Question 3 DESIGN

Required: Draw a Pictorial sketch of a Money Box on the space given below.

Specifications:

- i. To be portable.
- ii. Made of wood, plastic or rubber.
- iii. Have compartments to store coins and notes.
- iv. To be good in strength.

