

WEEK: FOUR and FIVE.

SUBJECT: TECHNICAL DRAWING.

CLASS: SS1.

TOPIC: BOARD PRACTICE AND SAFE WORKING HABITS

BOARD PRACTICE

To achieve the desired result in technical drawing, the principles of board practice must be strictly observed. Both the drawing board, T-square, border line, pencils, etc. must adhere to standards.

Board practice entails all the actions and activities done on the drawing board to get it ready for the actual drawing.

Practical board practice procedures

1. The drawing board must be conveniently placed on a drawing table with the stock of the T-square at the left hand side of the drawing board.
2. Ensure that the stock of the T-square laps with the edge of the drawing board. The T-square should be free to slide on the drawing board.
3. The drawing paper should be placed at the centre of the board, leaving equal spaces around the board.
4. Place the T-square on the drawing paper and gently slide it to the top edge of the drawing paper without moving the paper itself. Ensure that the T-square is parallel to the edge of the drawing paper.
5. Grip the drawing paper firmly with the blade of the T-square, carefully slide the T-square downwards without moving the drawing paper.
6. Cut four pieces of tape or drawing pin to hold the four edges of the drawing paper on the drawing board.
7. Mark out 10mm from the four edges of the drawing paper with pair of compasses and pencil for a border line.
8. Mark out 120mm x 50mm from right bottom side of the drawing paper for the title block.

TITLE BLOCK AND LETTERING

The title block contains all the relevant details concerning a particular drawing; Name, School, Class, Subject, Date.

Lettering is a systematic arrangement of letters or alphabets and numbers in an acceptable standard.

