**NAME OF TEACHER: Tope Yomi**

**SUBJECT: TECHNICAL DRAWING**

**CLASS: SSS 1**

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| S/N | TOPIC | CONTENT | OBJECTIVES | PRACTICE QUESTIONS |
| 1 | Drawing Materials  and Equipment | Definition of  “Technical Drawing”   |  | | --- | |  |   Identification and uses of drawing materials and equipment  e.g. protractor, set squares, pair of compasses,  drawing sheets, etc | Define the term “Technical Drawing”.   |  | | --- | |  |   Identify drawing materials and equipment.   |  | | --- | |  |   Use the various drawing equipment | 1. Define Technical drawing  2. List 10 drawing instruments and their uses  3. In a tabular form list the grades of pencils and their order of hardness/softness  4. Write out the dimensions of drawing papers |
| 2 | Board Practice | Technique of fixing drawing sheet to the board.   |  | | --- | |  |   Border lines and title block.   |  | | --- | |  |   Free hand lettering e.g. lower case and upper case letters | Fix drawing sheet to the board.   |  | | --- | |  | | |  | | --- | | Sharpen pencils. | |   Draw border lines and title block.   |  | | --- | |  | |  |   Make free hand lettering | 1. In how many ways can pencils be sharpened? List them  2. Draw a title block and fill-in all the information |
| Safe Working Habits | Safe use of drawing instruments and materials.   |  | | --- | |  |   Clean habits, proper illumination and ventilation. | Demonstrate safe handling of drawing instruments and materials.   |  | | --- | |  |   Demonstrate healthy habits. | 1. Define safe working habit  2. List three safety habits in drawing studio |
| 3 | Lines and lines work | Types, uses and properties of lines e.g. Thick continuous, thin continuous, centre lines, etc.   |  | | --- | |  |   Drawing parallel and incline lines   |  | | --- | |  |   Bisection and division of lines. | |  |  | | --- | --- | | |  | | --- | | Identify types of lines. | |   State the qualities of lines.  State the uses of lines.  Draw the different types of lines   |  | | --- | |  |   Bisect a given line and divide it into equal number of parts and ratios.   |  | | --- | |  |  |  | | --- | |  | | 1. Define a point and a line  2. List five types of lines and their uses  3. Draw a horizontal line of 70mm length and bisect it |
| 4 | Materials and Symbols | Definition  Types of materials  Symbols of materials | Define materials  Draw mechanical symbols  Draw building/architectural symbols  Draw plumbing symbols etc | Draw the symbols of the following materials: Steel, wood, water, insulation, resistor, filament lamp, battery, buzzer and marble |