**NAME OF TEACHER: Tope Yomi**

**SUBJECT: Basic Technology**

**CLASS: JSS 2**

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| S/N | TOPIC | CONTENT | OBJECTIVES | PRACTICE QUESTIONS |
| 1 | Drawing Practice | **Triangles**:  - Right angled,  - equilateral,  - isosceles and  -scalene triangles   |  | | --- | |  | | Students should be able to:  i. Define a triangle  ii. identify types of triangles  iii. construct various triangles   |  | | --- | |  |   iv. Construct inscribed and circumscribed circles to given triangles   |  | | --- | |  | | 1. Define a triangle.  2. Identify at least four types of triangles.  3. Construct an Equilateral Triangle of side 60mm.  4. Construct a triangle ABC with AB=60, BC=70 and AC=80 . Name the triangle |
| 2 | Drawing Practice | **Polygons**:  - Definition and construction of regular and irregular  polygons:  -pentagon,  -hexagon,  -heptagon,  -octagon, using  general and specific methods, etc | i. Define a polygon  ii. identify types of polygons  iii. construct regular and irregular polygons | 1. Define a polygon  2. In a tabular form, list five types of polygons, their names and Number of sides  3. Construct a pentagon of side 50mm |
| 3 | Wood Work Machines | Types and Uses:  A. Portable power tools:  -belt sander,  -hand drill,  -fret saw, etc. | Identify the various types of woodwork  machines   |  | | --- | |  |   State the uses of the machines   |  | | --- | |  |   Carry out simple operations (cutting  and boring) with the machines | 1. Define a woodwork machine.  2. Identify at five portable power hand tools |
| 4 | Wood Work Machines | Types and Uses:  B. Machines:  -circular saw,  -band saw,  -wood lathe,  -surface planer,  -thickness,  -sanders,  -drill, etc   |  | | --- | |  |   -Functions of the different types of machines   |  | | --- | |  |   Care and maintenance of woodwork machines | Identify the various types of woodwork  machines   |  | | --- | |  |   State the uses of the machines   |  | | --- | |  |   Carry out simple operations (cutting  and boring) with the machines | 1. Identify at least four machine tools  2. Explain the uses of wood lathe and surface planer |