

**SANGAM SKM COLLEGE - NADI**

**LESSON NOTES – WEEK 1**

**YEAR 9**

**BASIC TECHNOLOGY-SOLUTIONS**

<b>Strand</b>	Hand Tools and Appliance
<b>Sub-Strand</b>	Hand Tools
<b>Learning Outcome</b>	Identify the basic woodwork and metalwork hand tools, their parts and uses.

**EXERCISE**

1. What is the use of a bench hook and a G – cramp

It is made of wood and designed to hook over the bench top. It is used for holding the timber while you saw or chisel on the bench and at the same time preventing the bench top from damage.

2. What are the 5 classification of hand tools?

All the hand tools may be generally divided into classes or groups according to their uses. The main groups of tools which you will be introduced to are classified as follows:

- i. **Holding and supporting tools** - These tools are used to hold or support the job while working on it.
- ii. **Geometrical tools** - These tools are used for measuring, marking, testing and setting out the work.
- iii. **Abrading and Cutting tools** - These tools are used for reducing the timber to required sizes and shapes.
- iv. **Percussion and impelling tools** - These tools are used to drive nails, screws, chisels and take out nails and screws.
- v. **Boring tools** - These tools are used to bore holes.

3. Research work – List three types of Geometrical Tools.

Steel rule	Pencil	Wing compass	Marking knife	Try square	Sliding bevel	Marking gauge
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*Note: if you cannot print and paste the solutions you can write in your note book. Answer all exercises in your note book.*