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CLASS: JSS 1

TOPIC: METALWORK

SUB-TOPIC: CUTTING TOOLS

SUBJECT: BASIC TECHNOLOGY

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CUTTING TOOLS

Cutting Tools are tools used for cutting or removing objects

EXAMPLES OF CUTTING TOOLS

- * File
- * Chisel
- * Hacksaw
- * Scrapers
- * Tap

FILE

This is a metal with a tough surface used for cutting or shaping hard substances and for making them smooth. Hand file is used for roughing and finishing.

Types of file

- * flat file
- * Square file
- * Hand file
- * Half round file
- * Round file
- * Triangular file

CHISEL

This is a tool with a sharp flat edge at the end, used for shaping metal.

TYPES OF CHISEL

- * Flat chisel
- * Cross-cut chisel
- * Diamond-nose chisel
- Round- nose chisel

HACKSAW

This is a tool with a narrow blade in a frame. It is used for cutting metal.

TYPES OF HACKSAW

- * Senior hacksaw
- * Junior hacksaw

SCRAPER

It is used for removing impediment from the surface of worked or engineered items.

TYPES OF SCRAPER

- * Flat scraper
- * Half-round scraper
- * Three-triangle scraper

TAP

Taps are used to cut the internal screw threads.