

**FIRST TERM E-LEARNING NOTE****SUBJECT: BASIC TECHNOLOGY****CLASS: JSS1****SCHEME OF WORK****WEEK TOPIC**

- 1 CONCEPT OF TECHNOLOGY & CAREER PROSPECTS IN TECHNOLOGY
- 2 WORKSHOP SAFETY RULES AND RESOLUTIONS
- 3 WORKSHOP SAFETY (II)- DEFINITION OF ACCIDENTS
- 4 SAFETY GUIDELINES- ROAD SIGNS
- 5 MATERIALS AND PROCESSING - IDENTIFICATION OF WOOD
- 6 IDENTIFICATION OF METALS
- 7 IDENTIFICATION OF METALS(II)
- 8 IDENTIFICATION OF CERAMICS & GLASSES
- 9 IDENTIFICATION OF RUBBER
- 10 IDENTIFICATION OF PLASTIC

**REFERENCE MATERIALS**

- NERDC, Basic Technology for JSS, Book 1
- EVANS, Basic Technology for JSS, Book 1

**WEEK ONE****TOPIC: CONCEPT OF TECHNOLOGY****CONTENT**

- Definition of technology
- Products of technology
- Economic activities in developed and underdeveloped technology
- Importance of technology
- Career prospects in technology

**MEANING OF TECHNOLOGY**

The term is derived from the Greek words *tekhnē*, which refers to an art or craft, and *logia*, meaning an area of study. Thus, technology means literally, the study or science of crafting. **Technology can be defined as the processes (methods) and products (materials) that make life easy and stress free.** It is also the application of acquired systematic and scientific knowledge in the development of tools and machines by people to enable them to provide various needs.

Technology is the general term for the processes by which human beings fashion tools and machines to increase their control and understanding of the material environment.

Technology is the study, development, and application of devices, machines, and techniques for manufacturing and production processes.

Technology is also a method or methodology that uses technical knowledge or tools.

**PRODUCTS OF TECHNOLOGY**

The use of hoes and cutlass has been replaced by the use of tools and machines powered by steam, water, wind, electricity and sun.

Product of technology