



TOPIC: INTRODUCTION TO COMPUTERS

LESSON 1: AREAS WHERE COMPUTERS ARE USED

SUBTOPICS

1. Areas where computers are used

LESSON OBJECTIVES

By the end of the lesson, the learner should be able to:

- a) Identify areas where computers are used and how they are used

Notes

Areas where computers are used

Computers are used almost everywhere these days either to process data, play games, music or chat, banking and so much more. Common areas where computers are used include:

Industry and Commerce

Saving records, security, real-time response, automating records, communication, process control, detection, manufacturing, accounting etc.

Health Care

Save records, diagnose patients, scanning of body parts, security, management of records, communication, research, consultations, preserving bodies etc.

Government Institutions

To save and manage records of people, vehicles, activities etc. plan government calendars, security, forecasting and drawing of budgets, communication, research activities, traffic control etc.



Education and Research

Learning aids, research tools, keeping research records, budgeting, accounting, security, forecasting, communications, consultations etc.

Communication Industry

Prepare programs on TV/Radio, broadcasting, producing music, tracking activities, automating communication processes, relay of telephone signals etc.

Police and Defense

Tracking criminals, keeping records, used in forensic labs to filter DNA and fingerprints, controlling traffic, communication, automating armory, military vehicles and tanks, controlling CCTV cameras, keep track of temperatures in nuclear stations etc.

Home and Leisure

Entertainment, used as TV, Radio, DVD player. communication, security, keeping home records and budgeting family finances, can be used as a diary, notebook or an address book, etc.

Transport and tourism

Hotel booking system, marketing, air travel, booking and control system, communication and research, traffic light system, shipping and sea navigation, security etc.

Agriculture

Keeping inventory record, controlling farm machinery, keeping track of plants and livestock, research and consultations, diagnosing farm diseases and pests, tracking livestock movements, breeding and health records, irrigation etc.



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Areas where computers are used group work

1. Other than the areas stated above, discuss other five areas where computers are used and how they are used (group discussion question)