

Computer Fundamentals Syllabus for Class 3

1st Terminals Examination

Section 1: Introduction to Computers (5 Topics)

What is a computer?

Definition and uses of computers.

Who is the father of Computer?

Describe about father of computer.

Generation of Computer?

Describe history & generation of computer.

Parts of a Computer

Monitor, CPU, keyboard, mouse, etc.

Types of Computers

Desktop, laptop, tablet, smartphone.

How Computers Help Us

Uses in daily life (school, home, work).

History of Computer

Interesting facts to spark curiosity.

Section 2: Computer Hardware (10 Topics)

What is Hardware?

Definition and examples.

The Monitor

Types and functions.

The CPU (Central Processing Unit)

Brain of the computer.

The Keyboard

Types of keys (alphabet, number, function).

The Mouse

Functions and types (wired, wireless).

Printers and Scanners

Uses and types.

Speakers and Headphones

How they work.

Storage Devices

Pen drive, hard disk, CD/DVD.

Input and Output Devices

Examples and differences.

Fun Activity: Identify Hardware

Hands-on activity to identify parts.

Second Terminal Examination

Section 3: Computer Software (10 Topics)

What is Software?

Definition and examples.

Types of Software

System software and application software.

Operating System

What it does (e.g., Windows, macOS).

Word Processing Software

Introduction to MS Word or similar.

Drawing Software

Introduction to MS Paint or similar.

Educational Software

Fun learning apps and games.

Internet Browsers

What they do (e.g., Chrome, Edge).

Fun Activity: Draw Using Paint

Hands-on drawing activity.

Fun Activity: Typing Practice

Basic typing exercises.

Review: Hardware vs. Software

Differences and examples.

Section 4: Using a Computer (10 Topics)

How to Turn On/Off a Computer

Step-by-step guide.

Using the Mouse

Click, double-click, drag, and drop.

Using the Keyboard

Typing letters, numbers, and symbols.

Opening and Closing Programs

How to start and exit software.

Saving Files

How to save work on the computer.

Creating a Folder

Organizing files.

Basic Troubleshooting

What to do if the computer doesn't work.

Fun Activity: Typing Names and Sentences

Practice typing.

Fun Activity: Create a Drawing and Save It

Hands-on activity.

Review: Using a Computer

Recap of basic skills.

Final Term Examination

Section 5: The Internet and Safety (10 Topics)

What is the Internet?

Definition and uses.

How to Use a Browser

Opening websites.

Searching the Internet

How to use a search engine.

Online Safety

Dos and don'ts on the internet.

Passwords and Privacy

Importance of strong passwords.

Fun Educational Websites

Safe websites for kids.

What is Email?

Basics of sending and receiving emails.

Fun Activity: Internet Scavenger Hunt

Guided search activity.

Fun Activity: Create a Strong Password

Hands-on activity.

Review: Internet and Safety

Recap of key concepts.

Section 6: Fun with Computers (7 Topics)

Introduction to Coding

What is coding? (Block-based coding for kids).

Coding Games

Fun coding activities (e.g., Scratch Jr.).

Digital Art

Creating art using software.

Typing Games

Fun games to improve typing skills.

Storytelling with Computers

Creating stories using software.

Fun Activity: Create a Digital Story

Hands-on activity.

Review: Fun with Computers

Recap of all fun activities.