# COMPUTER SYLLABUS

## Class – 2

## 2nd Class Computer Syllabus – An Overview

The NCERT syllabus for Class 2 Computers builds upon the foundational concepts introduced in Class 1, with a focus on enhancing students' basic computer skills and understanding. The curriculum typically covers more detailed aspects of computer usage and introduces simple digital skills. Here's a detailed outline of the topics and sub-topics usually included in the syllabus for Class 2:

### Here our chapters for ITSE Examination :-

**Chapter – 1 (** *Introduction to Computers* **)**

**Chapter – 2 (** *Uses of Computers in Everyday Life* **)**

**Chapter – 3 ( Understanding Input and Output Devices )**

**Chapter – 4 ( Basic Computer Operations )**

**Chapter - 5 ( Working with Software )**

**Chapter - 6 ( Basic Internet Skills )**

**Chapter – 7 ( Introduction to Coding Concepts)**

**Chapter – 8 (** *Computer Etiquette and Safety* **)**

**Chapter - 9 (** *Introduction to Multimedia* **)**

**Chapter – 10 (** *Problem Solving* **with Computers )**

# Chapter – 1 ( Introduction to Computers )

## Topics and Sub – Topics :-

- **Recap of Class 1 Topics**

  - What is a computer?
  - Main parts of a computer (Monitor, Keyboard, Mouse, CPU)

- **Additional Computer Parts**

  - Storage devices (CD/DVD, USB drive)
  - Other peripherals (Headphones, Microphone).

# Chapter – 2  ( Uses of Computers in Everyday Life )

## Topics and Sub – Topics :-

- **Expanded Uses of Computers**

  - Educational uses (learning apps, educational videos)
  - Entertainment (games, music, videos)
  - Communication (email basics, video calls)

- **Computer Applications in Various Fields**

  - Schools and education
  - Healthcare
  - Banking
  - Shopping (e-commerce basics).

# Chapter – 3 (  Understanding Input and Output Devices )

## Topics and Sub – Topics :-

- **Input Devices (Detailed)**

  - Keyboard: Types of keys (alphabet, numbers, function keys)
  - Mouse: Different types of mice (optical, wireless)
  - Other input devices (Joystick, Scanner)

- **Output Devices (Detailed)**

  - Monitor: Different types (LCD, LED)
  - Printer: Types (Inkjet, Laser)
  - Speakers: Usage and types.

# Chapter – 4 ( Basic Computer Operations )

## Topics and Sub – Topics :-

- **Starting and Shutting Down the Computer.**

- **Using the Mouse**

  - Moving the cursor
  - Clicking and dragging

- **Using the Keyboard**

  - Typing practice (words and simple sentences)
  - Using special keys (Shift, Ctrl, Alt, Caps Lock).

# Chapter - 5 (  Working with Software )

## Topics and Sub – Topics :-

- **Types of Software**

  - Application software (examples: Paint, Word Processor)
  - System software (basic understanding of Operating System)

- **Using Simple Applications**

  - Drawing software (advanced features in Paint)
  - Typing software (basic word processing)

- **Opening, Saving, and Closing Files**

  - Understanding file formats
  - Basic file management (creating, saving, opening files).

# Chapter - 6 ( Basic Internet Skills )

## Topics and Sub – Topics :-

- **Introduction to the Internet**

  - What is the Internet?
  - Basic uses of the Internet (searching for information, communication).

- **Using a Web Browser**

  - Opening a web browser
  - Basic browsing (entering a URL, using search engines).

- **Internet Safety and Etiquette**

  - Safe browsing practices
  - Understanding and respecting privacy.

# Chapter – 7 ( Introduction to Coding Concepts )

## Topics and Sub – Topics :-

- **What is Coding?**

  - Basic understanding of instructions and sequences.

- **Simple Coding Activities**

  - Using visual coding tools (like Blockly or Scratch Jr.).
  - Creating basic sequences and animations.

# Chapter – 8 (Computer Etiquette and Safety)

## Topics and Sub – Topics :-

- **Proper Use of Computers**

  - Handling hardware safely.
  - Maintaining good posture while using the computer.

- **Screen Time Management**

  - Understanding the importance of limiting screen time.

- **Basic Cyber Safety**

  - Recognizing safe and unsafe online activities
  - Importance of not sharing personal information.

# Chapter - 9 ( Introduction to Multimedia  )

## Topics and Sub – Topics :-

- **Playing Multimedia Files**

  - Playing audio files.
  - Viewing pictures and videos.

- **Simple Multimedia Projects**

  - Creating and editing pictures.
  - Adding text to images.

# Chapter – 10 ( Problem Solving with Computers )

## Topics and Sub – Topics :-

- **Basic Trouble shooting**

  - What to do when a program freezes.
  - How to handle common hardware issues (like the mouse not working).

- **Seeking Help**

  - Asking an adult for help when facing a computer problem.