

TOUCHPAD

Information Technology
(OpenOffice) (Ver. 2.0)

Teacher's Manual

Extended Support for Teachers



www.orangeeducation.in www.thetouchpad.com

Teacher's Time Table

Periods Days	0	I	п	Ħ	NI N		>	VI	VII	VIII
Monday										
Tuesday						m				
Wednesday						₩ ш				
Thursday						. ∢				
Friday						¥				
Saturday										





DEVELOPMENT MILESTONES IN A CHILD

Development milestones are a set of functional skills or age-specific tasks that most children can do at a certain age. These milestones help the teacher identify and understand how children differ in different age groups.

	Age 5 - 8 Years	
Physical	 First permanent tooth erupts Shows mature throwing and catching patterns Writing is now smaller and more readable Drawings are now more detailed, organised and have a sense of depth 	
Cognitive	 Attention continues to improve, becomes more selective and adaptable Recall, scripted memory, and auto-biographical memory improves Counts on and counts down, engaging in simple addition and subtraction Thoughts are now more logical 	
Language	 Vocabulary reaches about 10,000 words Vocabulary increases rapidly throughout middle childhood 	
Emotional/Social	 Ability to predict and interpret emotional reactions of others enhances Relies more on language to express empathy Self-conscious emotions of pride and guilt are governed by personal responsibility Attends to facial and situational cues in interpreting another's feelings Peer interaction is now more prosocial, and physical aggression declines 	

"If you cannot do great things, do small things in a great way."

Age 9 - 11 Years		
Physical	Motor skills develop resulting in enhanced reflexes	
Cognitive	Applies several memory strategies at onceCognitive self-regulation is now improved	
Language	Ability to use complex grammatical constructions enhancesConversational strategies are now more refined	
Emotional/Social	Self-esteem tends to risePeer groups emerge	

	Age 11 - 20 Years
Physical	 If a girl, reaches peak of growth spurt If a girl, motor performance gradually increases and then levels off If a boy, reaches peak and then completes growth spurt If a boy, motor performance increases dramatically
Cognitive	Is now more self-conscious and self-focusedBecomes a better everyday planner and decision maker
Emotional/Social	May show increased gender stereotyping of attitudes and behaviourMay have a conventional moral orientation

Managing the children's learning needs according to their developmental milestones is the key to a successful teaching-learning transaction in the classroom.





TEACHING PEDAGOGIES

Pedagogy is often described as the approach to teaching. It is the study of teaching methods including the aims of education and the ways in which such goals can be achieved.

Lesson Plans

A lesson plan is the instructor's road map which specifies what students need to learn and how it can be done effectively during the class time. A lesson plan helps teachers in the classroom by providing a detailed outline to follow in each class.

A lesson plan addresses and integrates three key components:

- Learning objectives
- Learning activities
- Assessment to check the student's understanding

A lesson plan provides an outline of the teaching goals:

Before the class:

- 1. Identify the learning objectives.
- 2. Plan the lesson in an engaging and meaningful manner.
- 3. Plan to assess student's understanding.
- 4. Plan for a lesson closure.

During the class:

Present the lesson plan.

After the class:

Reflect on what worked well and why. If needed, revise the lesson plan.

"Knowing yourself is the beginning of all wisdom."

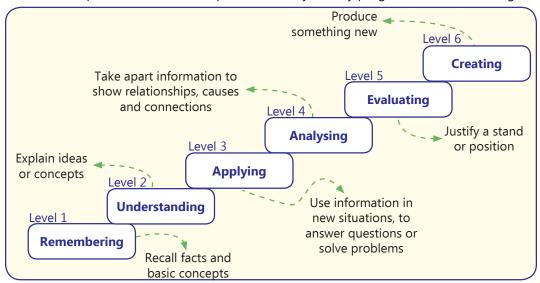
Teaching Strategies

Numerous strategies have evolved over the years to facilitate the teaching-learning process in the classrooms.



Bloom's Taxonomy

Bloom's Taxonomy was created by **Dr Benjamin Bloom** and several of his colleagues, to promote higher forms of thinking in education instead of rote learning. There are three domains of learning: cognitive (mental), affective (emotional), and psychomotor (physical). However, when we refer to Bloom's Taxonomy we speak of the cognitive domain. Bloom's Taxonomy is a list of cognitive skills that is used by teachers to determine the level of thinking their students have achieved. As a teacher, one should attempt to move students up the taxonomy as they progress in their knowledge.



Teachers should focus on helping students remember information before expecting them to understand it, helping them understand it before expecting them to apply it to a new situation, and so on.

Class 10

LESSON PLAN

Touchpad Information Technology

Part-A: Employability Skills

1. Communication Skills

Teaching Objectives

Students will learn about

Communication

Communication Cycle

Principles of Effective Communication

Sentence and its Kinds

Parts of Sentence

Articles

Types of Communication

Barriers in Effective Communication

Principles of Effective Communication

Phrase

Parts of Speech

Construction of a Paragraph

Number of Hours Theory 10

Teaching Plan

While teaching this chapter, tell the students that the word 'Communication' comes from the Latin word 'Communicare', which means 'to share'.

Show the students the Methods and Types of Communication along with its advantages and disadvantages:

Verbal Communication

Non-Verbal Communication

Visual Communication

Explain the communication cycle to the students and the phases it involves:

Sender

Encoding

Channel

Decoding

Receiver

Feedback

Tell the students about the importance of feedback in effective communication.

Let the students know about the types of barriers and measures to overcome barriers in easy language for better understanding.

The types of barriers are as follows:

Physical

Cultural

Psychological

Mechanical

Measure to overcome barriers are as follows:

• Eliminating Differences in Perception

• Reduction and Elimination of Noise Level

Face to Face Interaction

• Use of Simple Language

Active Listening

Linguistic

Proper Media Selection

Show the students the principles of effective communication and also explain the 7Cs of communication with their aspects like:

Concise

Concrete

Coherent

Correct

Complete

ClarityCourteous

Explain the following to the students with their proper purpose in detail:

Sentence and Its Kind

Phrase

Parts of Sentence

Parts of Speech

Articles

• Construction of a Paragraph

Extension

Ask the students some oral questions based on this chapter.

Q. What is communication?

Q. What are the methods of communication?

Q. Explain communication cycle.

Q. Write about the importance of feedback.

Q. Explain the barriers in effective communication.

Q. Explain the 7Cs of communication.

O. Define:

a. Sentence and its Kind

b. Phrase

c. Parts of Sentence

d. Parts of Speech

e. Articles

f. Construction of a Paragraph

Evaluation

After explaining the chapter, let the students do the exercises given on pages 28 to 33 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 31 and 33 to imbibe elements like life skills & values, and art integration in them.

2. Self-Management

Teaching Objectives

Students will learn about

Skills of Self Management Stress

Self-Regulation: Goal Setting
Self-Regulation: Time Management

Number of Hours
Theory
10

Teaching Plan

While teaching this chapter, tell the students that self-management is the modus of applying and using one's self characteristics in a righteous and responsible way.

Introduce the students to Stress and also explain them how to manage stress & work independently.

Tell the students what measure are to be followed to reduce stress:

Physical Exercise

Yoga

Meditation

Enjoyment

Vacation

Nature Walks

Share the information about self-awareness to the students which are further divided into external and internal.

Tell the students about self-motivation and how to get motivated while using real-life examples.

Explain the meaning of self-regulation to the students.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is self-management?
- O. What is stress?
- O. What measures can be taken to reduce stress?
- O. What is self-awareness?

- O. What is self-motivation?
- Q. What is self-regulation?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 42 to 45 in the main course book under Exercise.

Ask the students to perform the activity given on page 41 to enhance communication skills.

Ask the students to try Application-based questions given on pages 44 and 45 to imbibe elements like life skills & values in them.

3. Information Technology & Communication

Teaching Objectives

Students will learn about

Classification of Operating System

Types of Operating System

Running an Application

Device Driver

File Management

Malware

Ways to prevent a Virus

Functions of Operating System

Common Terms of Operating System

Basic Components of Interface Screen

File System

Computer Care

Symptoms of Computer Virus

Removing Temporary Files

Number of Hours Theory 10

Teaching Plan

While teaching this chapter, tell the students that an operating system refers to the set of program that provides an interface to use the resources of computer system effectively and efficiently.

Define the meaning, importance and role of an operating system to the students.

Explain the classification of operating system to the students:

- On the basis of interface
- On the basis of number of users
- On the basis of programming
- Other classifications

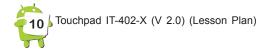
Tell the students about the functions of operating system in detail.

Explain the following types of operating system to the students in detail:

DOS

UNIX

Solaris



- Microsoft Windows
- GNU-Linux

Mobile Operating System

Explain the common terms and their definition with the students:

Desktop

Icons

Panel/Taskbar

Show the students how to run an application in an operating system and define the basic components of interface screen.

Demonstrate the meaning of device driver and file system in an operating system.

Share the steps involved in performing the following function in file management to the students:

Creating a new file/folder

Moving a file/folder

Copying a file/folder

Renaming a file/folder

Deleting a file/folder

Restoring a file/folder

• Viewing properties of a file

Teach about how to take care of a Computer to the students.

Explain what is a malware to the students and define it types:

Virus

Worms

Trojan horse

Spyware

Spam

Tell the symptoms of computer virus to the students.

Also, share the ways to prevent the computer from a virus and removing a temporary file.

Extension

Ask the students some oral questions based on this chapter.

- Q. How does operating system act as a messenger between hardware and application program?
- Q. Differentiate between CUI and GUI.
- Q. What is Time Sharing OS?
- Q. Write any four (4) functions of OS.
- Q. List the name of any five (5) operating systems.
- Q. List the name of five (5) Linux distributions.
- Q. What are icons? List some common icons present on the desktop of Linux and Windows.
- Q. What is a file system?
- Q. Write any four (4) points to be kept in mind while cleaning the computer.
- Q. List the ways to prevent virus infection in a computer.

Evaluation

After explaining the chapter, let the students do the exercises given on pages 70 to 76 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 74 and 76 to imbibe elements like life skills & values in them.

Ask the students to perform the **Lab Assignment Activity** given on page 62 to enhance experiential learning.

4. Entrepreneurship

Teaching Objectives

Students will learn about

Entrepreneurship

Functions of Entrepreneur

Myths about Entrepreneurship

Qualities of Entrepreneurs

Importance of Entrepreneur

Entrepreneurship as a Career Option

Number of Hours Theory 15

Teaching Plan

While teaching this chapter, tell the students that entrepreneurship is not only about self-employability but it plays a crucial part in completion of life cycle of society.

Explain the qualities of entrepreneurs and functions of entrepreneurs to the students.

Show the importance of an entrepreneur to the students and the myths about entrepreneurship.

Define the entrepreneurship as a career option to students in detail.

Extension

Ask the students some oral questions based on this chapter.

- Q. Explain myths about entrepreneurship.
- Q. Define entrepreneurship as career option.
- Q. When is entrepreneurship successful?
- Q. How does entrepreneurship play an important role in the life cycle of society?
- Q. List the qualities of an entrepreneur.
- Q. Write the function of entrepreneur.

Evaluation

After explaining the chapter, let the students do the exercises given on pages 82 to 87 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 85 and 87 to imbibe elements like life skills & values in them.

5. Green Skills

Teaching Objectives

Students will learn about

- Sustainable Development
- Sustainable Development Goals

Number of Hours Theory 5

Teaching Plan

While teaching this chapter, tell the students that environment can be classified as natural and artificial. Natural environment consists of all the living and non-living things. It encompasses the interaction of all living beings, climate and natural resources.

Define sustainable development to the students and importance of sustainable development.

Explain the problems related to sustainable development to the students.

Teach all the 17 sustainable development goals to the students.

Extension

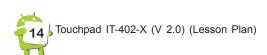
Ask the students some oral questions based on this chapter.

- O. What is environment?
- O. Differentiate between:
 - a. Renewable resources
 - b. Non-Renewable resources
- Q. What is sustainable development?
- Q. Write the importance of sustainable development.
- Q. Write problems related to sustainable development.

Evaluation

After explaining the chapter, let the students do the exercises given on pages 93 to 96 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 95 and 96 to imbibe elements like life skills & values in them.



Class 10

LESSON PLAN

Touchpad Information Technology

Part-B: Subject Specific Skills

1. Advanced Features of Word Processor

Teaching Objectives

Students will learn about

Styles

Template

□ Table of Contents

Image

Defining the Hierarchy of Headings

Mail Merge

Number	of Hours
Theory	Practical
12	18

Teaching Plan

While teaching this chapter, tell the students that word processing package helps in creating, editing, formatting, modifying, printing and storing the contents of a document.

Tell the students about **Styles** while demonstrating the steps involved in the following:

- Styles
- Format Painter
- Creating New Styles from Selections
- Updating Styles from Selections
- To Create a New Style by Drag-and-Drop

Tell the students about **Image** while demonstrating the steps involved in the following:

- Inserting an image from a file
- Inserting an Excel Chart into a Text Document
- Resize image
- Crop Image
- Arranging Images

- Rotate Image
- Delete Image
- Aligning Image

Tell the students about **Template** with the students along with the steps involved in creating a new template.

Let the students know that a template is a document that contains pre-defined formatting styles, graphics, tables, objects and other information that is commonly used for creating other documents.

Make the students aware the steps of creating a new template.

Let the students know how to define hierarchy of headings.

Explain to the students about Table of Contents and demonstrate the steps involved in:

• Creating a table of contents

Updating a table of contents

Demonstrate what is Mail Merge to students and explain the components of Mail Merge like:

Main Document

Data Source

Extension

Ask the students some oral questions based on this chapter.

- Q. What is style?
- Q. What actions can you perform on a style?
- Q. How can you insert an image in a text document?
- Q. Explain template.
- Q. How can you modify a default template?
- Q. What is mail merge?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 143 to 148 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 147 and 148 to imbibe elements like life skills & values in them.

2. Advanced Features of Spreadsheet

Teaching Objectives

Students will learn about

Consolidating Data

What-If Analysis

Goal Seek

Link Data and Spreadsheets

Creating Subtotal

Scenario

Solver

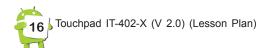
Cell Reference

Sharing a Document

of Hours
Practical 15

Teaching Plan

While teaching this chapter, tell the students that Data is one of the most important sources for analyzing or getting proper information.



Explain the **Consolidating Data** to the students and the steps involved in combining cell contents with labelled screenshots.

Discuss with the students about the use of **Subtotal**. Also, share the steps involved in creating the subtotal.

Share with the students the purpose of What If Analysis.

Let the students know that Scenario is a tool to test 'what-if questions. Explain to them that Scenario is a set of values that spreadsheet saves and can substitute automatically in cells on a worksheet.

Make the students understand that Data Table is also a planning for 'what-if' questions. The Data Table tool creates a formula array which is a separate set of cells that give all the alternative results for the formulas used.

Demonstrate to the students about the purpose of using Goal Seek and the various components:

Set Cell

To Value

By Changing Cell

• Shrink/ Maximize

Explain the objective of Solver in detail to the students and demonstrate the steps involved in its use.

Demonstrate to the students about the purpose of Link Data and Spreadsheets and steps involved in:

Setting up Multiple Worksheets

Inserting New Worksheets

Renaming Worksheets

Discuss with the students the use of Cell Reference and the steps involved in:

- Creating cell reference to other worksheets
 Cell referencing using mouse
- To reference a cell in another workbook

Share with the students the purpose of using Hyperlink and also explain what is:

Relative Hyperlink

Absolute Hyperlink

Also share the working with hyperlink with the students.

Demonstrate to the students how **Sharing a Document** can be done and the functions that can be performed it out.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is the meaning of consolidating the data?
- Q. What is the use of subtotal?
- Q. What is the purpose of What If analysis?
- Q. Define Goal Seek and Solver.
- O. What is Cell Reference used for?
- Q. What is a Hyperlink?
- Q. Differentiate between relative and absolute hyperlink.

- Q. How is a document shared in Excel?
- Q. What is the purpose of Spelling and Grammar?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 184 to 193 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 188 and 190 to imbibe elements like life skills & values in them.

3. More about Spreadsheet

Teaching Objectives

Students will learn about

Recording Changes

Reviewing Changes

Macro

Add, Edit & Format Comment

Merging Versions

Number	of Hours
Theory 5	Practical 8

Teaching Plan

While teaching this chapter, tell the students record changes feature is used to track every edited cell by highlighting with a coloured border.

Explain the steps involved in the following to the students:

- Recording changes
- Edit comments
- Change the size of the comment
- Set print comment
- Comparing versions of a document
- Add a comment
- Formatting comments
- Delete a comment
- Review changes
- Merging versions

Define the meaning of Macro to the students and usage of the macro recorder to the students. Also, share the steps involved in following:

- Creating a macro function
- Argument passed as values
- Accessing cells directly

- Passing arguments to a macro
- Macro act like built-in functions

Demonstrate the meaning of sorting and the steps involved in applying so in data to the students.

Extension

Ask the students some oral questions based on this chapter.

- Q. What are recording changes?
- Q. Write the steps to:
 - a. Add a comment
 - c. Formatting comments
 - e. Delete a comment
- O. What is Macro?
- Q. What is sorting?

- b. Edit comments
- d. Change the size of the comment
- f. Set print comment

Evaluation

After explaining the chapter, let the students do the exercises given on pages 219 to 223 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 221 and 223 to imbibe elements like life skills & values in them.

Ask the students to perform the **Lab Assignment Activity** given on pages 105, 107, 108, 111, 112, 114, 117, 127, 129 and 133 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment Activity.

4. Database Management

Teaching Objectives

Students will learn about

Database Management System (DBMS)

Elements of Database

Relational Database Management System(RDBMS)

Database Objects

Components of Database Package
Starting OpenOffice Base

Create Table by Using Wizard
© Create Table by Using Create View

Modifying Table Design
Entering Data into a Table

■ Editing Data in a Table ■ Data Validation

Field Level Validation Relationship

Report.

1	Number	of Hours
	Theory 10	Practical 17
1		

Teaching Plan

While teaching this chapter, tell the students that Database is an organized collection of data that can be visualized as a container of information.

Explain the meaning of database management system with the help of case studies and examples to the students.

Share the advantages of database management system with the students like:

- Reduction in data redundancy
 Reduction in data inconsistency
- Sharing of data
 Enforcement of data standards

Ensure data security

Data integrity

Interactive interface

Explain the features of database and database management to the students.

Explain the elements of a database to the students with proper function of each.

Share the meaning and importance of the following to the students:

- Relational DBMS
- Database Objects (tables, queries, forms, reports)

Tell the steps of how to start an OpenOffice base to the students:

• Create a new database

Opening an existing database

Explain the Basic elements of 'Base' table (field name, filed type, filed properties, key field, primary key, composite key, foreign key)

Explain the following to the students in details:

- Creating a Table
- Create Table by Using Create View
- Entering Data into a Table

- Create Table by Using Wizard
- Modifying Table Design
- Editing Data in a Table

Explain what is data validation and field level validation to the students using real life examples.

Show the meaning of relationship, query, forms and reports to the students in database using all the steps involved and examples of database.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is database management system?
- O. What are the benefits of DBMS?
- Q. What are the elements of database?
- Q. What is relational DBMS?
- Q. Write the components of database?
- Q. What is data validation?
- Q. What is relationship?
- Q. What is query?
- Q. What is report?
- O. What is a form?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 290 to 297 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 293 and 296 to imbibe elements

like life skills & values in them.

Ask the students to perform the **Lab Assignment Activity** given on pages 238, 243, 247, 251,261 and 275 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment Activity.

5. More on Database

Teaching Objectives

Students will learn about

Types of Database Commands

Create Table

Insert, Update and Delete

Databases and Operators

Managing Query

Number	of Hours
Theory 8	Practical 10

Teaching Plan

While teaching this chapter, tell the students that in a database, data can be stored and manipulated by using SQL.

Explain the types of database commands to the students:

Data Definition Language

• Data Manipulation Language

Data Control Language

Transaction Control Language

Define databases and operators along with their description to the students.

Show the steps involved in doing these action to the students:

SQL Create Table

Managing query (SELECT)

• Insert, update and delete records and statements

Extension

Ask the students some oral questions based on this chapter.

O. Define:

a. DDL

b. DML

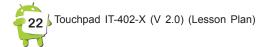
c. DCL

d. TCL

- Q. Define databases and operator used in database.
- Q. What is the purpose of SELECT query?
- Q. What are the types of database commands?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 305 to 312 in the main course book under Exercise.



Ask the students to try Application-based questions given on pages 308 and 311 to imbibe elements like life skills & values in them.

6. Web Application

Teaching Objectives

Students will learn about

- Various Types of Impairment
- Internet
- Internet Connectivity Options
- Data Transfer on Internet
- Blog
- Online Transaction
- Importance of Secure Passwords

- Networking Fundamentals
- Internet Terminologies
- Internet Access through WI-FI
- Instant Messaging
- Offline Blog Editor
- E-Commerce

Number	of Hours
Theory	Practical
8	11

Teaching Plan

While teaching this chapter, tell the students that technology plays a major role in overcoming the challenges faced by specially physically challenged people.

Explain the various types of impairment to the students along with the ease of access center in Windows/Accessibility Dialog Box.

Tell the students about the networking fundamentals like benefits of networking.

Share the information about the different types of networks to the students:

• LAN • Explain the terms to the students like:

- Internet
- Website
- Web address
- URL
- IP Address
- Hub
- Gateway

- MAN
 - WWW
- Web page
- Domain name system
- ISP
- Web Portal
- Bridge
- Hyperlink

- HTML
- Web browser

WAN

- Web servers
- Modem
- Switch
- Router
- Bandwidth

Show the students the internet connectivity options with examples:

Wired
 Wireless
 Wi-Fi

Introduce the data transfer on internet including TCP/IP protocol to the students in easier language.

Explain instant messaging, blog, offline blog editor, online transaction and e-commerce to the students in detail with using the correct examples.

Also, share the importance of secure password with the students for their own data safety concern.

Extension

Ask the students some oral questions based on this chapter.

- O. What are the four benefits of network?
- Q. List any three features of WWW.
- Q. How data transfer takes place on the Internet?
- Q. Explain about e-Commerce.
- Q. List the name of any four blogs.
- Q. List the name of popular web browsers.
- Q. What do you mean by ISP?
- Q. Explain any two wired and wireless internet connectivity option.
- Q. What is protocol? Explain TCP/IP and HTTPS protocols.
- Q. What are the any five features of Online transaction?

Evaluation

After explaining the chapter, let the students do the exercises given on pages 361 to 367 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 365 and 367 to imbibe elements like life skills & values in them.

Ask the students to perform the **Lab Assignment Activity** given on pages 324, 339, 349 and 352 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment Activity.

7. Web Security & Workplace Safety

Teaching Objectives

Students will learn about

Need of Internet Security

Best Practices for Web Security

Fire

Cyber Threat

Health and Safety at Workplace

Falls and Slips

Electrical Shocks and its Effects

Case Study

Accident

Emergency

Number	of Hours
Theory	Practical
7	11

Teaching Plan

While teaching this chapter, tell the students that with the advent of technology, usage of Internet and its applications have also increased by many folds.

Tell the students about the need of internet security by giving some examples.

Explain the Cyber threat (Spam, DoS Attack, Man in the Middle Attack, Spoofing, Phishing) to the students for better understanding of the topics.

Share the best practices for web security to the students along with examples:

- Identity protection
- Protect username and password
- Do not share personal information
- Secure online transaction
- Avoid using unsecured Wi-FI
- Don't accept unknown invitation
- Use antivirus and antispyware software
- Clear browser cookies frequently
- Install firewall
- Password safe
- Use multi-factor authorization

Explain the importance of health & safety at workplace to the students.

Explain fire along with the fire safety measures to the students.

Share the meaning, measure, prevention and the related factors of the following to the students:

Falls & SlipsElectrical Shocks

Explain first aid, first aid kits design of kits to the students.

Explain the case study of covid-19 to the students in detail.

Explain the following terms in details to the students:

AccidentEmergency

Extension

Ask the students some oral questions based on this chapter.

- Q. What is the need of Internet security?
- Q. List any five cyber threats.
- Q. What is spyware? How you can prevent the attack of spyware?
- Q. What are the symptoms and effect of a malware?
- Q. Write few tips for having a strong password.
- Q. What are the measures to prevent an electrical shock?
- O. What are the common reasons of an accident?
- Q. What do you understand by emergency?
- Q. Explain best practices of Web Security.
- Q. List a few fire safety measures.
- Q. Explain about Falls and Slips.
- O. What is a 'First Aid Kit'?
- O. What is a Hazard?
- Q. Explain standard evacuation plan to be followed in an organisation.
- Q. How to identify that Website is secure or not?
- Q. List the steps to handle accidents.
- O. What is a 'Firewall'?
- Q. What is a Password?
- Q. What is a Spam?
- Q. Explain about Trojan Horse.

Evaluation

After explaining the chapter, let the students do the exercises given on pages 389 to 394 in the main course book under Exercise.

Ask the students to try Application-based questions given on pages 392 and 394 to imbibe elements like life skills & values in them.

Ask the students to perform the **Lab Assignment Activity** given on pages 238, 243, 247, 251,261 and 275 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment Activity.