TP Plus V2 Book-8 Lesson Plan



PLUS Ver. 2.0

Teacher's Manual

Extended Support for Teachers



Teacher's Time Table

Periods Days	0	I	Ш	Ш	IV		>	N	ПЛ	ΝШ
Monday										
Tuesday						m				
Wednesday						α п				
Thursday						4				
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 to 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

	Age 9 - 11 Years
Physical	Motor skills develop resulting 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 needs 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."

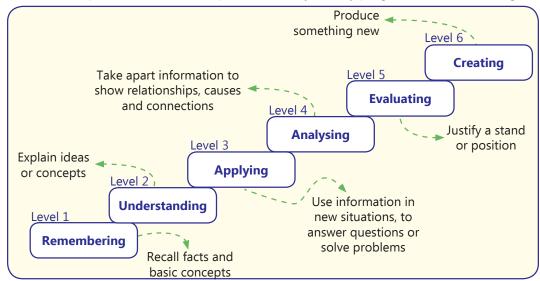
Teaching Strategies

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 to 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.

"If you have no confidence in self, you are twice defeated in the race of life."

LESSON PLAN

Touchpad PLUS Ver 2.0 Class-8

1. Computer Networking

Teaching Objectives

Students will learn about

Computer Network

Need for Computer Network

Advantages of Computer Network

Network Terminology

Components Required for a Network

□ Topology

Wireless Networking Technology

Teaching Plan Number of Periods: 4

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 7 of the main course book.

While teaching this chapter, tell the students that the process of connecting computers and peripheral devices with each other to exchange data is called computer networking.

Tell the students about the meaning and basics of computer network.

Share with the students the need for computer network – for resource sharing and for communication.

Discuss with the students the advantages of a computer network.

Introduce network terms like Server (host computer) and Client (dependent on server).

Explain the different types of servers to the students covering dedicated server, print server, database server, network server and web server.

Tell the students about the components required for a network covering NIC, hub/switch, router, modem and networking cable.

Share with the students that on the basis of geographical area covered, the networks can be classified into LAN (Local Area Network), MAN (Metropolitan Area Network), WAN (Wide Area Network), PAN (Personal Area Network) and CAN (Campus Area Network).

Introduce Topology as geometric arrangement of computers or nodes in a network.

Explain the difference between different types of topologies covering bus topology, ring topology, star topology, tree topology and mesh topology (Refer Suggested Activity also).

Tell the students that the network architecture defines the overall design of the computer network.

Share with the students the two types of network architectures as Peer-to-Peer network and Client-Server network.

Share with the students about the wireless networking technologies detailing about Wi-Fi and Bluetooth.

Introduce Protocol as a set of rules that govern the communication between the computers on a network.

Discuss briefly about the different types of protocols explaining about HTTP, HTTPS, FTP, TC/IP, POP3, IMAP and SMTP.

Ask the student to solve the exercise Let's Catch Up given on page number 11, 16 and 18.

Extension

Ask the students some oral questions based on this chapter.

- Q. Define computer network.
- Q. What is the need for a computer network?
- Q. What are the advantages of a computer network?
- Q. Define server / client.
- Q. What are the different types of computer servers?
- Q. What are the components required for a network?
- O. Define LAN / MAN / WAN / PAN / CAN.
- Q. Define Topology.
- Q. Name different types of topologies.
- Q. What is meant by protocol?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 19 and 20 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve, Let's Explore and Let's Get Better given on Page 20 and 21 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 21 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to make models of different types of topologies using marbles and used wire pieces / straws.

2. Introduction to Adobe Photoshop CC

Teaching Objectives

Students will learn about



Features of Adobe Photoshop CC Move and Selection Tools

Creating a New Document
Painting Tools

Adobe Photoshop CC 2018 Interface

Inserting Text

Opening an Image in Photoshop

Transform Tool

Placing an Image in an Existing Document Saving a File in Photoshop

Tools in Photoshop

© Closing a File and Exiting Photoshop

Teaching Plan Number of periods: 5

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 22 of the main course book.

While teaching this chapter, tell the students that Photoshop is a designing software developed in 1988.

Introduce student with Adobe Photoshop CC using examples.

Explain the features of Photoshop to the students in detail.

Demonstrate to the students the steps involved in opening Photoshop CC 2018.

Demonstrate to the students the steps involved in creating a new document in Photoshop.

Explain all the components of Photoshop interface with proper labeled pictures.

Tell the students the steps to open an image in Photoshop.

Demonstrate to the students the steps involved in placing an image in an existing document in Photoshop.

Explain to the students the following tools of Photoshop and explain them in details with steps:

a. Move and Selection tools

Rounded Marquee tool
 Elliptical Marquee tool
 Lasso tool

Polygonal Lasso tool
 Magnetic Lasso tool
 Quick Selection tool

Magic Wand tool

b. Cropping tools

Crop tool
 Perspective Crop tool

• Slice tool and Slice Select tool

c. Painting tools

Brush tool
 Pencil tool
 Color Replacement tool

Mixer Brush tool
 History Brush tool
 Gradient tool

• Paint Bucket tool • 3D Material Drop tool

d. Inserting Text

Using Horizontal Type Tool
 Using Horizontal Type Mask Tool

e. Transform Tool

Tell the students the steps to save a file and closing a file in Photoshop along with exiting Photoshop. Ask the student to solve the exercise Let's Catch Up given on page number 31.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is the role of Adobe Photoshop?
- Q. What are the features of Photoshop?
- O. What is the use of Move tool?
- O. What is the use of Selection tool?
- Q. What is the use of Cropping tool?
- Q. What is the use of Inserting text tool?
- O. What is the use of transform tool?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 42 and 43 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve and Let's Explore given on Page 43 and 44 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 44 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to crop two images and make them one using proper Photoshop tools taught in this chapter.

3. More on Photoshop CC

Teaching Objectives

Students will learn about

Layers in Photoshop

Painting Tools in Photoshop

Retouching Tools

Drawing Tools

Shape Tools

Navigation Tools

Image Menu

Layer as a Smart Object

Teaching Plan Number of periods: 3

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 45 of the main course book.

While teaching this chapter, revise the features and tools of Photoshop CC for the students taught in the earlier chapter.

Demonstrate to the students the Layers in Photoshop CC 2018 and explain the step involved in creating a new layer.

Explain all the components of Photoshop interface with proper labeled pictures.



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Tell the students the steps to open an image in Photoshop.

Demonstrate to the students the steps involved in placing an image in an existing document in Photoshop.

Explain to the students the following tools of Photoshop and explain them in details with steps:

- Painting tools
 - Eye Dropper tool
- 3D Material Eyedropper tool
- Color Sample tool

- Ruler tool
- Note tool

Eraser tool

- Background Eraser tool Magic Eraser tool
- b. Retouching tools
 - Healing Brush tool
- Patch tool
- Content Aware Move tool
- Red Eye tool
- Clone Stamp tool
- Pattern Stamp tool
- Blur, Sharpen and Smudge tool
- Dodge, Burn and Sponge tool
- C. Drawing tools
 - Pen tool
- d. Shape tools
 - Custom Shapes
- **Navigation Tools**
 - Hand tool
- Rotate View tool

Zoom tool

Tell the students the image menu options along with the description of each.

Teach the students about Layers as an object with steps involved in it.

Ask the student to solve the exercise Let's Catch Up given on page number 57.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is the use of Painting tool?
- Q. What is the use of Retouching tool?
- Q. What is the use of Navigation tool?
- Q. What is the use of Drawing tool?
- Q. What is the use of Shapes tool?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 60 and 61 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone- Let's Solve and Let's Explore given on Page 61 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 61 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to download and edit an image and make them one using proper tools.

4. Lists and Tables in HTML

Teaching Objectives

Students will learn about

Creating Lists

Creating Tables

Teaching Plan Number of periods: 2

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 63 of the main course book.

While teaching this chapter, tell the students that HTML tags are used to create a web page.

Introduce list as collection of related items.

Tell the students that there are three types of lists – Ordered List (Numbered List), Unordered List (Bulleted List) and Definition List (Description List).

Explain the use of tag to create ordered lists, tag to create unordered lists and <DL> tag to create definition lists. (See Suggested Activity 1 also).

Explain the use of <TABLE> tag and its child tags covering <TR>, <TD>, <TH> and <Caption>.

Explain the use of different attributes of <TABLE> tag covering BORDER, BORDERCOLOR, FRAMES, BGCOLOR, BACKGROUND, HEIGHT, WIDTH, CELLSPACING and CELLPADDING.

Discuss the use of different attributes of <TD> tag explaining about ALIGN, BGCOLOR, WIDTH, ROWSPAN, COLSPAN and VALIGN attributes.

Tell the students that all the attributes except ROWSPAN and COLSPAN are taken up by <TR> tag also.

Demonstrate the code to create a table and its data in HTML. (See Suggested Activity 2 also).

Ask the student to solve the exercise Let's Catch Up given on page number 67 and 73.

Extension

Ask the students some oral questions based on this chapter.

- Q. Define List / Table.
- Q. How many types of Lists can be created in HTML?
- Q. Name the different types of Lists that can be created in HTML.
- Q. What is an Ordered / Unordered / Definition List?
- O. Name the attributes of tag.
- Q. Name the tags used to create Definition List.
- Q. Name the tags that can used to create different kinds of tables.
- Q. What are the attributes of <TABLE> / <TD> tag?



Evaluation

After explaining the chapter, let the students do the exercises given on Page 74 and 75 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve and Let's Explore given on Page 75 and 76 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 76 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to create:

- List of favourite games of 10 friends.
- Table of car names and their models.

□ Linking Web Pages

5. Images, Links and Frames in HTML

Teaching Objectives

Students will learn about

Inserting Images

Creating Marquee 🔊 Frames

Teaching Plan Number of periods: 4

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 77 of the main course book.

While teaching this chapter, tell the students that HTML allows inserting images and frames on web pages as well as interlinking them.

Tell the students that HTML supports JPEG, GIF and PNG image formats.

Tell the students that tag is used to insert images and it takes the attributes as SRC, WIDTH, HEIGHT, ALIGN, BORDER and ALT.

Demonstrate to the students the use of tag and its attributes.

Introduce Marquee as the moving objects on a web page to get special attention of the users.

Explain the use of <MARQUEE> tag and its attributes as BEHAVIOUR, DIRECTION and SCROLLAMOUNT.

Make the students understand that a hyperlink is an underlined text or an image which when clicked takes the user to some other location.

Share with the students that <A> is used to create links and the attributes that this tag can take are – LINK, ALINK and VLINK.

Demonstrate the use of <A> tag and its attributes to hyperlink web pages (See Suggested Activity also).

Introduce Frames as a feature to display more than one web page on a single screen of the web browser.

Explain the use of <FRAMESET> tag and <FRAME> tag to create and define frames on a web page.

Tell the students that the <FRAME> tag can take FRAMEBORDER, NORESIZE and SRC as attributes.

Demonstrate the use of <FRAMESET> and <FRAME> tags to create frames on a web page.

Ask the student to solve the exercise Let's Catch Up given on page number 89.

Extension

Ask the students some oral questions based on this chapter.

- Q. Which tag is used to insert images on a web page?
- Q. State the use of SRC / WIDTH / ALIGN /ALT attribute of IMG tag.
- Q. Which image formats are supported by HTML?
- Q. What is the use of MARQUEE tag?
- Q. Which tag is used to link web pages?
- Q. Name the attributes that can be taken by FRAME tag.

Evaluation

After explaining the chapter, let the students do the exercises given on Page 90 and 91 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve and Let's Explore given on Page 91 and 92 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 92 and 93 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to create an e-shopping web site listing categories of items on home page and details of items on separate category pages.

6. Python—Loop and Functions

Teaching Objectives

Students will learn about

The FOR Statement
Statements

The WHILE Statement Functions

Teaching Plan Number of periods: 4

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 97 of the main course book.

While teaching this chapter revise Python for the students and repeat the features of Python from the earlier class.

While teaching this chapter, tell the students about Python has some looping statements.

Demonstrate to the students the steps involved in using these statements using programs and



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syntax are:

- a. FOR statement
 - using the range() statement
- b. WHILE statement
 - infinite loop

• while loop using else statement

- c. JUMP statement
 - break statement

· continue statement

Demonstrate to the students the steps involved in using the FUNCTIONS using programs and syntax. Ask the student to solve the exercise Let's Catch Up given on page number 101.

Extension

Ask the students some oral questions based on this chapter.

- Q. What are looping statement?
- Q. What is the function of FOR statement?
- Q. What is the function of WHILE statement?
- Q. What is the function of JUMP statement?
- Q. What is a FUNCTION?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 105 and 106 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve and Let's Explore given on Page 106 and 107 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 107 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to make a list of series where you can apply the FOR and JUMP statements.

7. Computer Safety and Security

Teaching Objectives

Students will learn about

How to Keep your Computer Physically Fit? IS Other Maintenance Techniques

Protecting your Computer from Illegal Malware
Access Antivirus

How to Backup your Important Files?
Firewall

Teaching Plan Number of periods: 4

Before starting the chapter, ask the students to solve the pades the Weller's Pluglih Green of the main course book.

While teaching this chapter, tell the students that computer safety refers to the protection of computer-based resources against unauthorized use or physical damage.

Tell the students the method of physically cleaning computer parts like keyboard, mouse and monitor. Share with the students the method to protect the computer from illegal access by reference to terms like authentication (verifying user's identity) and covering:

- Password protection
- Biometric authentication including face recognition, iris biometrics, retina biometrics and voice recognition
- Encryption (converting data into cypher text)

Explain the need, importance and process of backing up important files using external hard disk drives and online backup services.

Share with the students some information about some other maintenance techniques like deleting files, defragmenting hard disk drive and disk cleanup.

Introduce malware as programs designed to damage or carry out unwanted actions on a computer system.

Explain to the students information about different types of malware like virus, worms, Trojan horses, spyware, zombie, ransomware, rootkits and backdoors.

Explain the importance of antivirus and firewall in maintain computer safety and security.

Ask the student to solve the exercise Let's Catch Up given on page number 110 and 115.

Extension

Ask the students some oral questions based on this chapter.

- O. Define authentication.
- Q. Where is elastic graph matching technique used?
- Q. What is the difference between encryption and decryption?
- Q. What is malware?
- O. Define virus / worm / rootkit / backdoor / ransomware.
- O. What is an anti-virus?
- Q. Name some commonly used anti-virus software.

Evaluation

After explaining the chapter, let the students do the exercises given on Page 116 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve, Let's Explore and Let's Get Better given on Page 117 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 117 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to prepare a detailed project on any anti-virus software on an A3 sheet.

8. Google Apps

Teaching Objectives

Students will learn about

Google

Apps of Google

Teaching Plan Number of periods: 2

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 119 of the main course book.

While teaching this chapter, brief the students about Google and mobile apps.

Introduce Google to the students along with the history.

Explain the Google Apps to the students in detail like Gmail, Google Drive, Google Maps, Google Docs, Google Sheets, Google Slides and YouTube.

Explain the following components of Google Drive to the students along with the steps involved in:

What can you store in Google Drive?

• How much can you store in Google Drive?

• How does it work?

Features of Google Drive

Demonstrate the features of Google Maps to the students along with the steps involved in it.

Demonstrate the opening/importing an existing word document for editing in Google Docs to the students along with the steps involved in it.

Explain the following components of Google Sheets to the students along with the steps involved in:

Features of Google Sheets

- Creating and Saving a New Google Sheet
- Sharing and Protecting Data in Google Sheets Sharing a File
- Protecting Data

Explain the following components of Google Slides to the students along with the steps involved in:

• Features of Google Slides

Creating a New Presentation

Explain the following components of YouTube to the students along with the steps involved in:

Features of YouTube

How to Create YouTube Account

• Uploading a Video on YouTube

Ask the student to solve the exercise Let's Catch Up given on page number 123 and 131.

Extension

Ask the students some oral questions based on this chapter.

- Q. What are Google Apps?
- O. What is Gmail?
- Q. What is Google Drive?
- Q. What is Google Maps?
- Q. What is Google Docs?

- Q. What is Google Sheets?
- Q. What is Google Slides?
- Q. What is YouTube?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 134 and 135 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve, Let's Explore and Let's Get Better given on Page 135 and 136 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 136 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to create a document in Google Docs and a presentation in Google Slides on 'Environment Day'.

9. App Development

Teaching Objectives

Students will learn about

What is an App?

Defining the Android and iOS

Types of Mobile Apps

Categories of Apps

Downloading and Installing the App

□ Developing an App

Teaching Plan Number of periods: 2

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 137 of the main course book.

While teaching this chapter, brief the students about smartphones and technology.

Tell the students that an App is a software program primarily developed for hand-held smart devices such as mobile and tablet.

Explain to the students the difference between the Android and iOS in detail.

Demonstrate the types of Mobile Apps to the students with example, that are:

Native Apps

Web Apps

Hybrid Apps

Explain the following categories of Apps to the students along with the examples:

Gaming Apps

Productivity Apps

Entertainment Apps

Utility Apps

Educational Apps

Social Networking Apps

Communication Apps

• E-Commerce Apps

Explain to the students the steps involved in downloading and installing the Apps.

Explain to the students the steps involved in developing an App.



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Ask the student to solve the exercise Let's Catch Up given on page number 139.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is an App?
- Q. Define the following:
 - Gaming Apps

Communication Apps

- Productivity Apps
- Utility Apps
- Educational Apps
- E-Commerce Apps
- Entertainment Apps
- Social Networking Apps

Evaluation

After explaining the chapter, let the students do the exercises given on Page 147 and 148 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve, Let's Explore and Let's Get Better given on Page 148 and 149 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 149 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to develop an App for reciting tables with your help.

10. Latest Technological Development

Teaching Objectives

Students will learn about

Artificial Intelligence

Augmented Reality and Virtual Reality

RPA (Robotic Process Automation)

Internet of Things

Teaching Plan Number of periods: 2

Before starting the chapter, ask the students to solve the question in Let's Plug-In given on Page 150 of the main course book.

Demonstrate Artificial Intelligence to the students along with the main areas of AI:

Expert system

• Natural Language processing • Intelligent agents

Pattern recognition

Robotics

• Intelligent Apps (I-Apps)

Explain the following to the students along with the examples in detail:

Augmented Reality

Virtual Reality

• Internet of Things (IOT)

• 3D Printing

• RPA (Robotics Process Automation)

Ask the student to solve the exercise Let's Catch Up given on page number 151.

Extension

Ask the students some oral questions based on this chapter.

- Q. What is an Artificial Intelligence?
- Q. What is an Augmented Reality?
- Q. What is an Virtual Reality?
- Q. What is an Internet of Things?
- Q. What is an 3D Printing?
- O. What is an RPA?

Evaluation

After explaining the chapter, let the students do the exercises given on Page 158 and 159 in the main course book as Test Your Skills. Tell the students to try sections under Fun Zone– Let's Solve and Let's Explore given on Page 160 in the main course book.

Take the students to the computer lab and let them practice the activity given in the Tech Practice section on Page 160 in the main course book. This will enhance the ability of the students and serve as a Subject Enrichment activity.

Suggested Activity

Ask the students to try any digital assistant like Alexa or Siri and ask "What is Virtual Reality?".