

## Grade 5

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Evolution of Computers	History of Computers	<ul style="list-style-type: none"> <li>List the different types of computers</li> <li>List the features of different generations of computer</li> </ul>
2.		Generations of Computers	
3.	2. Storage Devices and Memory	Introduction	<ul style="list-style-type: none"> <li>Define storage devices and memory</li> <li>List the different types of storage devices</li> <li>Explain the types of memory</li> </ul>
4.		Types of Memory	
5.		Primary Memory: RAM, ROM & Secondary Memory	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 & 2			
6.	3. More on Windows 7	Control Panel	<ul style="list-style-type: none"> <li>Explain how to use Control Panel</li> <li>State the uses of Recycle Bin</li> <li>Change the date and time</li> </ul>
7.		Date and Time Recycle Bin	
8.	4. Tables in Word 2010	Adding and Deleting a Table	<ul style="list-style-type: none"> <li>Add and delete a table</li> <li>Enter data in a table</li> <li>Modify a table</li> <li>Format a table</li> </ul>
9.		Entering Data in a Table	
10.		Inserting and Deleting Rows and Columns	
11.		Splitting and Merging Cells Formatting a Table	
12.	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 4		
13.	5. Objects in Word 2010	Working with Shapes	<ul style="list-style-type: none"> <li>Add different shapes and SmartArt</li> <li>Insert pictures and ClipArt</li> <li>Add different symbols and WordArt</li> </ul>
14.		Inserting Pictures	
15.		Inserting SmartArt Using WordArt	
16.	6. Formatting in PowerPoint	Inserting Clip Art	<ul style="list-style-type: none"> <li>Describe different Presentation Views</li> <li>Format text</li> <li>Edit in Slide Master</li> <li>Change Colour Scheme</li> </ul>
17.		Adding Symbol	
18.		Presentation Views	
19.		Editing Fonts	
20.		Adding Bullets and Numbering Indenting Text Master Slide & Colour Scheme	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 5 & 6			
21.	7. Animation in PowerPoint	Adding Animation	<ul style="list-style-type: none"> <li>Add animation</li> <li>Set the time of animation</li> <li>Use action button</li> <li>Rehearse and print a presentation</li> </ul>
22.		Setting the time of Animation Using Action Button	
23.		Rehearse a Presentation Printing a Presentation	
24.	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 5 to 7		
25.	8. Introduction to Excel 2010	Starting MS Excel 2010 Workbook and Worksheets	<ul style="list-style-type: none"> <li>Start MS Excel</li> <li>Perform basic calculations</li> <li>Save and open a saved workbook</li> <li>Exit MS Excel</li> </ul>
26.		Entering Data	
27.		Performing Basic Calculations	
28.		Saving a Workbook Opening a Saved Workbook Exiting Excel	
29.			
30.	9. Internet Safety	About Internet	<ul style="list-style-type: none"> <li>List the features of internet</li> <li>Describe the internet threats</li> <li>State the internet do's and don'ts</li> </ul>
31.		Internet Threats	
32.		Internet Do's and Don'ts	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 8 & 9			

## Grade 6

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Email - Gmail	Features of Email Creating and Sending Email	<ul style="list-style-type: none"> <li>List the features of Gmail</li> <li>Create and send an email</li> <li>Attach file in email</li> <li>Reply and forward an email</li> <li>Add signature in email</li> </ul>
2.		Attaching Files Replying and Forwarding Email	
3.		Adding Signature in Email	
4.	2. Introduction to GIMP	Starting GIMP	<ul style="list-style-type: none"> <li>Start GIMP</li> <li>Create a new file</li> <li>Open and save a file</li> <li>Use basic tools</li> <li>Edit foreground and background colours</li> </ul>
5.		Creating New File Opening an Existing File Saving A File	
6.		Using Basic Tools:	
7.		(Selection tools, Text tool, Eraser tool, Bucket fill tool), Editing Foreground, Background Colors	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 & 2			
8.	3. Advanced Formatting in Word	Applying Themes	<ul style="list-style-type: none"> <li>Apply themes to a document</li> <li>Add borders to pages</li> <li>Set document margins</li> <li>Change page orientation</li> <li>Set paragraph settings</li> <li>Use the Format Painter</li> </ul>
9.		Adding Page Borders Setting Margins Changing Page Orientation	
10.		Setting Paragraph Alignment	
11.		Using Painter	
12.	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 3		
13.	4. Charts and Tables in PowerPoint	Inserting and Deleting a Table Entering and Aligning text	<ul style="list-style-type: none"> <li>Add and delete a table</li> <li>Enter and align text in the table</li> <li>Add borders and shading to the table</li> <li>Insert and format a column chart</li> </ul>
14.		Adding Borders and Shading Identify Types of Charts	
15.		Inserting a Column chart	
16.		Formatting a Column Chart	
17.	5. Editing in MS Excel	Editing text Changing cell format	<ul style="list-style-type: none"> <li>Edit text</li> <li>Change cell format</li> <li>Insert rows and columns</li> <li>Adjust height and width of rows and columns</li> </ul>
18.		Inserting and Deleting Rows and Columns	
19.		Adjust Height and Width of Rows and Columns	
20.			
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 4 & 5			
21.	6. Formulas and Functions in Excel 2010	Formulas and Functions (Differentiate the two and recap Grade 5)	<ul style="list-style-type: none"> <li>Differentiate between formulas and functions</li> <li>Explain absolute and relative cell referencing</li> <li>Use various math and text functions</li> </ul>
22.		Cell Referencing (Absolute and Relative)	
23.		Using Math Functions (Product, Round, Sum, Trunc)	
24.		Using Text Functions (Char, Left, Right, Text, Trim, Value)	
25.	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 4 to 6		
26.	7. Programming Basics	What is a Command? Algorithms	<ul style="list-style-type: none"> <li>Explain the meaning of command in programming</li> <li>Write an algorithm</li> <li>Draw a flowchart</li> <li>List the features of Object Oriented Programming</li> </ul>
27.		Flowcharts	
28.		Object Oriented Programming	
29.	8. Programming with Scratch	Starting Scratch The Interface Open a New Project	<ul style="list-style-type: none"> <li>Start Scratch</li> <li>Identify the elements of the Scratch window</li> <li>Open a new project</li> <li>Change costume and background</li> <li>Add script</li> <li>Save a project and exit Scratch</li> </ul>
30.		Adding Script	
31.		Saving a Project	
32.		Exiting Scratch	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 7 & 8			

## Grade 7

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Number System	Decimal Number System Binary Number System	<ul style="list-style-type: none"> <li>Explain Decimal number system</li> <li>Explain Binary number system</li> <li>Convert a decimal number to binary number</li> <li>Convert a binary number to decimal number</li> </ul>
2.		Conversion of Decimal Numbers to Binary Numbers	
3.		Conversion of Binary Numbers to Decimal Numbers	
4.	2. More on Windows 7	Changing the Fonts	<ul style="list-style-type: none"> <li>Change font</li> <li>Change the sleep mode settings</li> <li>Change the display settings</li> <li>Add a login password</li> <li>View the system configuration</li> </ul>
5.		Change the Sleep Mode Settings	
6.		Change the Display Settings	
7.		Adding a Login Password Viewing the System Configuration	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 & 2			
8.	3. Editing in GIMP	Drawing Objects Changing the Size of an Image	<ul style="list-style-type: none"> <li>The students should be able to:</li> <li>Draw objects</li> <li>Change the size of an image</li> <li>Crop an image</li> <li>Flip an image</li> <li>Get unstuck</li> </ul>
9.		Crop an Image	
10.		Flip an Image Getting Unstuck	
11.	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 3		
12.	4. Advanced GIMP Tools	Dialogs and Docking	<ul style="list-style-type: none"> <li>Explain dialogs and docking</li> <li>Use paths</li> <li>Use brushes</li> <li>Work with layers</li> <li>Add text</li> <li>Apply masking</li> </ul>
13.		Using Paths	
14.		Using Brushes	
15.			
16.		Working with Layers	
17.		Adding Text	
18.	Masking		
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 4			
19.	5. Charts in MS Excel	Components of a Chart	<ul style="list-style-type: none"> <li>Explain the meaning and components of a chart</li> <li>Create a Column chart</li> <li>Create a Bar chart</li> <li>Create a Line chart</li> <li>Create a Pie chart</li> </ul>
20.		Column Chart	
21.		Bar Chart & Line Chart	
22.		Pie Chart	
23.	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 4 & 5		
24.	6. Introduction to MS Access 2010	Creating Database	<ul style="list-style-type: none"> <li>Create database</li> <li>Create tables</li> <li>Insert data</li> <li>Set the primary key</li> <li>Create a foreign key</li> </ul>
25.		Creating Tables	
26.		Inserting Data	
27.		Setting Primary Key And Foreign Key	
28.			
29.	7. More on Scratch	Types of Blocks	<ul style="list-style-type: none"> <li>Explain the different types of blocks</li> <li>Explain the use of different block categories</li> <li>Create a project in Scratch</li> </ul>
30.		Working with Different Block Categories	
31.			
32.		Creating a Project in Scratch	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 6 & 7			

## Grade 8 (HTML)

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Introduction to Networking	What is a Network? Types of Computer Networks (LAN, WAN, MAN, Internet)	<ul style="list-style-type: none"> <li>Define a network</li> <li>Classify the different types of computer networks</li> <li>List the different network devices</li> <li>Explain the concept of network security</li> </ul>
2.		Network Devices Network Security	
3.	2. Viruses	Types of Viruses	<ul style="list-style-type: none"> <li>List the types of viruses</li> <li>Identify the different anti-virus software</li> <li>Explain the use of an anti-virus software</li> </ul>
4.		Different Anti-Virus Software Using an Anti-Virus Software	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 & 2			
5.	3. Introduction to HTML	What is HTML?	<ul style="list-style-type: none"> <li>Explain the concept of HTML elements</li> <li>Describe the basic HTML structure</li> <li>Create a basic webpage</li> <li>Insert hyperlinks</li> <li>Save and view the webpage</li> </ul>
6.		Basic HTML structure	
7.		Creating a Basic Webpage	
8.		Saving and Viewing the Webpage	
9.	4. More on HTML	Heading Tags	<ul style="list-style-type: none"> <li>Add headings and paragraphs</li> <li>Use the font tag and its attributes</li> <li>Add lists to the text</li> </ul>
10.		Font Tag and Attributes	
11.		Adding a List	
12.		Adding a Numbered List	
13.	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 4		
14.	5. Working with Queries	Managing Records	<ul style="list-style-type: none"> <li>Manage Records</li> <li>Create queries using a Wizard</li> <li>Create queries using Query Design</li> </ul>
15.		Opening and Closing an Existing Database Adding and Deleting Records	
16.		Managing an Object Importing Data in a Database	
17.		Creating Queries Using a Wizard	
18.		Creating Queries Using Query Design	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 5			
19.	6. Working with Forms and Reports	Creating a Form Using the Form Wizard	<ul style="list-style-type: none"> <li>Create a form using the Form Wizard</li> <li>Create a form in the Design view</li> <li>Create reports using the Report Wizard</li> <li>Format reports</li> </ul>
20.		Creating a Form in the Design View Creating Reports using the Report Wizard Formatting Reports	
21.		Adding Text to the Header or Footer Adding Date and Time	
22.		Adding Page Numbers	
23.		Adding a Logo Changing the Theme Changing the Theme Font and Colour	
24.		<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 5 & 6	
25.	7. More on Pivot Animator	Creating Figure Types	<ul style="list-style-type: none"> <li>Create figure types</li> <li>Add background, Edit mode, colour reduction and Dither mode</li> <li>Perform optimization</li> <li>Define STK files</li> <li>Use onion skins and perform multi-figure selection</li> <li>Join figures and use sprites</li> </ul>
26.		Edit Mode, Colour Reduction	
27.		Dither Mode, Optimization	
28.		STK Files, Using Onion Skins	
29.		Performing Multi-Figure Selection, Joining Figures	
30.		Adding Backgrounds, Sprites	
31.	8. More on Internet	Chatting, Blogging	<ul style="list-style-type: none"> <li>Define chatting</li> <li>Explain blogging</li> <li>Explain social media networking</li> <li>Store data over the cloud</li> </ul>
32.		Social Media Networking Storing Data Over the Cloud	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 7 & 8			

## Grade 8 (Java)

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Introduction to Networking	What is a Network?	<ul style="list-style-type: none"> <li>Define a network</li> <li>Classify the different types of computer networks</li> <li>List the different network devices</li> <li>Explain the concept of network security</li> </ul>
2.		Types of Computer Networks (LAN, WAN, MAN, Internet)	
3.	2. Viruses	Network Devices	<ul style="list-style-type: none"> <li>List the types of viruses</li> <li>Identify the different anti-virus software</li> <li>Explain the use of an anti-virus software</li> </ul>
4.		Network Security	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 & 2			
5.	3. Introduction to Java	Structure of a Java program	<ul style="list-style-type: none"> <li>Explain the structure of a Java program</li> <li>Compile and run a Java program</li> <li>List variables and data types</li> <li>Display output</li> <li>Accept user input</li> </ul>
6.		Compiling and running a Java program	
7.		Variables and Data Types	
8.		Displaying Data on the screen Accepting user input	
9.	4. Using Program Controls in Java	Working with Operators	<ul style="list-style-type: none"> <li>Work with Operators</li> <li>Loop statements</li> <li>Explain Conditional Statements</li> </ul>
10.		Loop statements	
11.		Conditional Statements	
12.		Conditional Statements	
<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 4			
14.	5. Working with Queries	Managing Records	<ul style="list-style-type: none"> <li>Manage Records</li> <li>Create queries using a Wizard</li> <li>Create queries using Query Design</li> </ul>
15.		Opening and Closing an Existing Database	
16.		Adding and Deleting Records	
17.		Managing an Object Importing Data in a Database	
18.		Creating Queries Using a Wizard Creating Queries Using Query Design	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 5			
19.	6. Working with Forms and Reports	Creating a Form Using the Form Wizard	<ul style="list-style-type: none"> <li>Create a form using the Form Wizard</li> <li>Create a form in the Design view</li> <li>Create reports using the Report Wizard</li> <li>Format reports</li> </ul>
20.		Creating a Form in the Design View	
21.		Creating Reports using the Report Wizard	
22.		Formatting Reports	
23.		Adding Text to the Header or Footer Adding Date and Time	
24.	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 5 & 6		
25.	7. More on Pivot Animator	Creating Figure Types	<ul style="list-style-type: none"> <li>Create figure types</li> <li>Add background, Edit mode, colour reduction and Dither mode</li> <li>Perform optimization</li> <li>Define STK files</li> <li>Use onion skins and perform multi-figure selection</li> <li>Join figures and use sprites</li> </ul>
26.		Edit Mode, Colour Reduction	
27.		Dither Mode, Optimization	
28.		STK Files, Using Onion Skins	
29.		Performing Multi-Figure Selection, Joining Figures	
30.		Adding Backgrounds, Sprites	
31.	8. More on Internet	Chatting, Blogging	<ul style="list-style-type: none"> <li>Define chatting</li> <li>Explain blogging</li> <li>Explain social media networking</li> <li>Store data over the cloud</li> </ul>
32.		Social Media Networking Storing Data Over the Cloud	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 7 & 8			

## Grade 8 (C++)

Week #	Chapter Title	In this Chapter	Learning Outcomes
1.	1. Introduction to Networking	What is a Network? Types of Computer Networks (LAN, WAN, MAN, Internet)	<ul style="list-style-type: none"> <li>Define a network</li> <li>Classify the different types of computer networks</li> <li>List the different network devices</li> <li>Explain the concept of network security</li> </ul>
2.		Network Devices Network Security	
3.	2. Viruses	Types of Viruses	<ul style="list-style-type: none"> <li>List the types of viruses</li> <li>Identify the different anti-virus software</li> <li>Explain the use of an anti-virus software</li> </ul>
4.		Different Anti-Virus Software Using an Anti-Virus Software	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru.			
<b>Syllabus:</b> Chapter 1 & 2			
5.	3. Introduction to C++	Structure of a C++ Program	<ul style="list-style-type: none"> <li>Explain the structure of a C++ program</li> <li>Compile and run a C++ program</li> <li>List variables and data types</li> <li>Display output</li> <li>Accept user input</li> </ul>
6.		Compiling and Running a C++ Program	
7.		Variables and Data types	
8.		Displaying output, Accepting User	
9.	4. Using Program Controls in C++	Working with operators	<ul style="list-style-type: none"> <li>Work with operators</li> <li>List loop statements</li> </ul>
10.		Loop statements	
11.			
12.		Adding a Numbered List	
13.	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 4		
14.	5. Working with Queries	Managing Records	<ul style="list-style-type: none"> <li>Manage Records</li> <li>Create queries using a Wizard</li> <li>Create queries using Query Design</li> </ul>
15.		Opening and Closing an Existing Database Adding and Deleting Records	
16.		Managing an Object Importing Data in a Database	
17.		Creating Queries Using a Wizard	
18.		Creating Queries Using Query Design	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru.			
<b>Syllabus:</b> Chapter 5			
19.	6. Working with Forms and Reports	Creating a Form Using the Form Wizard	<ul style="list-style-type: none"> <li>Create a form using the Form Wizard</li> <li>Create a form in the Design view</li> <li>Create reports using the Report Wizard</li> <li>Format reports</li> </ul>
20.		Creating a Form in the Design View Creating Reports using the Report Wizard Formatting Reports	
21.		Adding Text to the Header or Footer Adding Date and Time	
22.		Adding Page Numbers	
23.		Adding a Logo Changing the Theme Changing the Theme Font and Colour	
24.	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 5 & 6		
25.	7. More on Pivot Animator	Creating Figure Types	<ul style="list-style-type: none"> <li>Create figure types</li> <li>Add background, Edit mode, colour reduction and Dither mode</li> <li>Perform optimization</li> <li>Define STK files</li> <li>Use onion skins and perform multi-figure selection</li> <li>Join figures and use sprites</li> </ul>
26.		Edit Mode, Colour Reduction	
27.		Dither Mode, Optimization	
28.		STK Files, Using Onion Skins	
29.		Performing Multi-Figure Selection, Joining Figures	
30.		Adding Backgrounds, Sprites	
31.	8. More on Internet	Chatting, Blogging	<ul style="list-style-type: none"> <li>Define chatting</li> <li>Explain blogging</li> <li>Explain social media networking</li> <li>Store data over the cloud</li> </ul>
32.		Social Media Networking Storing Data Over the Cloud	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru.			
<b>Syllabus:</b> Chapter 7 & 8			

## CLASS 9 Session Plan

Week #	Period #	Chapter Name	Session Name	
1.	Period 1	1. Computer Fundamentals	Introduction to Computers	
	Period 2		Applications of Computers	
2.	Period 1		Working of Computers-Providing Inputs	
	Period 2		Working of Computers-Deriving Output	
3.	Period 1		2. Computer Software	Storage Devices
	Period 2			Types of Software
4.	Period 1	3. Operating Systems	Programming Language	
	Period 2		Overview of Operating System	
5.	Period 1		Types of Operating System	
	Period 2		Working with Windows	
6.	Period 1		Features and Tools of Windows	
	<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 to 3			
7.	Period 2	4. Word Processors	Basic Editing and Formatting	
	Period 1		Bulleted and Numbered Lists	
8.	Period 2	5. Well Formatted Documents	Finalising the Document	
	Period 1		Inserting a Table	
9.	Period 2		Formatting a Table	
	Period 1		Adding a Cover Page to a Report	
10.	Period 2		Finalising the Document	
	Period 1		<b>Project Work</b>	Project using MS Word
11.	Period 2	<b>Project Work</b>	Project using MS Word	
	Period 1	<b>Project Work</b>	Project using MS Word	
12.	Period 1	6. Creating and Sending Invitations	Drawing Objects and Mathematical Symbols	
	Period 2		Reviewing a Document	
13.	Period 1		Working on a Reviewed Document	
	Period 2		Using Mail Merge	
<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 6				
14.	Period 1	7. Basics of Networking	Introducing Computer Networks	
	Period 2		Identifying Components of a Computer Network	
15.	Period 1		Identifying Network Devices and Protocols	
	Period 2		Identifying the Wired Transmission Media	
16.	Period 1		Identifying the Wireless Transmission Media	
	Period 2		Introducing Multimedia	
17.	Period 1	8. Basics of Multimedia	Identifying Various Multimedia File Formats	
	Period 2		Creating the Base Presentation	
18.	Period 1	9. Basics of Presentation	Setting the Text Styles	
	Period 2		Changing the Visual Appearance	
19.	Period 1		Adding Graphics	
	Period 2		Finalising the Presentation	
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 7 to 9				
20.	Period 1	10. Effective Presentations	Adding Slide Transitions	
	Period 2		Applying Custom Animations	
21.	Period 1		Using Motion Paths	
	Period 2		Preparing to Present	
22.	Period 1		Printing Handouts	

Week #	Period #	Chapter Name	Session Name
	Period 2	<b>Project Work</b>	Project using MS PowerPoint
23.	Period 1	11. Storing Data Effectively	Getting Started with MS Excel
	Period 2		Formatting Cell Data
24.	Period 1		Formatting Numbers and Date Values
	Period 2		Modifying a Worksheet
25.	Period 1	12. Exploring Excel Functions	Performing Simple Calculations
	Period 2		Copying Formula
26.	Period 1	13. Using Functions	Performing Complex Calculations
	Period 2		Using Functions to Perform Basic Calculations
27.	Period 1		Using Functions to Analyse Data
	Period 2		Applying Conditional Formatting
28.	Period 1	14. Data Analysis and Representation	Analysing and Presenting Data
	Period 2		Representing Data Visually
29.	Period 1		Printing a Worksheet
	Period 2	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 7 to 14	
30.	Period 1	<b>Project Work</b>	Project using MS Excel
	Period 2	<b>Project Work</b>	Project using MS Excel
31.	Period 1	15. Societal Impact of IT	Impacts of IT and Security Issues in IT
	Period 2	16. Basics of App Development	Concept of Apps
Period 1	Categories of Apps		
Period 2	App Store		
32.	<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 15 to 16		

### CLASS 9 Projects

Technology / Tool	Project Name	Additional Projects
<b>Using MS Word</b>	1. Deforestation A Poster to support Make it Green in their plantation drive in the school	
	2. Teachers' Day A greeting card for the Teacher	
<b>Using MS Powerpoint</b>	3. Fire the Wire Trends in Wireless Computing	The causes of air pollution and the measures to reduce it
		The universal law of gravitation and acceleration due to gravity
		The structure and parts of a typical eukaryotic cell
<b>Using MS Excel</b>	4. ROYAL KINGS IX VS. INDIAN WARRIORS IX Cricket Score Record	Fertilizers: Advantages and disadvantages
		Week-wise trend of humidity and temperatures in your area for 15 days
		Availability of stock in a stationery shop with details on the cost of restocking
		Analysis of books' availability in a school library with appropriate book details



## CLASS 10 Session Plan

Week #	Period #	Chapter Name	Session Name
1.	Period 1	1. Introduction to the Internet	Basics of the Internet
	Period 2		Internet Terminologies
2.	Period 1	2. Storing Information Effectively	Internet Services
	Period 2		Importance of Database in Data Management
3.	Period 1	3. Modifying Table Structure	Creating a Table
	Period 2		Maintaining Data in Tables
4.	Period 1	3. Modifying Table Structure	Changing Field Properties
	Period 2		Applying Validation Rules on Fields
5.	Period 1	3. Modifying Table Structure	Establishing Relationships Between Tables
	Period 2		Practice Session
6.	Period 1	4. Extracting Data from a Database	Retrieving Data from a Single Table
	Period 2		Retrieving Data From Multiple Tables
7.	Period 1	<b>Project Work</b>	Practice Session
	Period 2		Project using MS Access
8.	Period 1	<b>Project Work</b>	Project using MS Access
	<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 1 to 4		
9.	Period 2	5. Introduction to HTML	Identifying the Fundamentals of HTML
	Period 1		Creating a Web Page
	Period 2		Practice Session
10.	Period 1	6. Setting the Page Appearance	Setting the Page Properties
	Period 2		Organising Text on a Web Page
11.	Period 1	7. Formatting Text	Practice Session
	Period 2		Inserting Paragraphs and Changing Fonts
12.	Period 1	7. Formatting Text	Emphasising Text
	Period 2		Applying Text Styles
13.	Period 1	8. Creating Lists	Practice Session
	Period 2		Creating an Unordered List
14.	Period 1	8. Creating Lists	Creating an Ordered List
	Period 2		Creating a Nested List
15.	Period 1	8. Creating Lists	Creating a Definition List
	Period 2		Practice Session
16.	Period 1	<b>Assessment 1:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 1 to 8	
	Period 2	9. Navigating through Web Pages	Linking Web Pages
17.	Period 1		Linking Sections of a Web Page
	Period 2	Practice Session	
18.	Period 1	<b>Project Work</b>	
	Period 2	<b>Project Work</b>	
19.	Period 1	10. Adding Images and Tables	Project Using HTML Concepts
	Period 2		Project Using HTML Concepts
20.	Period 1	10. Adding Images and Tables	Adding Images in a Web Page
	Period 2		Making Images as Hyperlinks
21.	Period 1	10. Adding Images and Tables	Adding Tables in a Web Page
	Period 2		Merging Table Cells
21.	Period 1	10. Adding Images and Tables	Enhancing the Appearance of a Table
	Period 2		Practice Session
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 9 & 10			
22.	Period 1	11. Creating a Form	Creating the Structure of a Form

Week #	Period #	Chapter Name	Session Name
	Period 2		Adding Data Input Elements
23.	Period 1		Adding Data Selection Elements
	Period 2		Adding Buttons
24.	Period 1	<b>Project Work</b>	Project Using HTML Concepts
	Period 2	<b>Project Work</b>	Project Using HTML Concepts
25.	Period 1	<b>Project Work</b>	Project Using HTML Concepts
	Period 2	<b>Project Work</b>	Project Using HTML Concepts
26.	Period 1	<b>Assessment 2:</b> Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 9 to 11	
	Period 2		Fundamentals of XML
27.	Period 1	12. Introducing XML	Creating a Simple XML Document
	Period 2		Identifying XML Syntax and Naming Rules
28.	Period 1		Practice Session
	Period 2		Identifying Different Types of Elements
29.	Period 1	13. Validating an XML Document	Introducing DTD
	Period 2		Introducing XML Schema
30.	Period 1		Practice Session
	Period 2		Impact of IT
31.	Period 1	14. Societal Impacts of IT	Benefits of IT in Different Areas
	Period 2		Security Issues Related to IT
32.	Period 1	15. Information Security	Identifying Security Threats
	Period 2		Identifying Security Mechanisms
<b>Practice Time:</b> Students to attempt an un-proctored (Home/School) test on Practice Plus, test would be configured by NIIT Nguru. <b>Syllabus:</b> Chapter 12 to 15			

### CLASS 10 Projects

Technology / Tool	Project Name	Additional Projects
<b>Using MS Access</b>	1. Library Management System	
<b>Using HTML Concepts</b>	2. Travel and Tourism A website of a company to help people easily access the information about various travel packages	Saving energy and reducing pollution in your locality
		Representing population density in your city
		Conserving natural resources
		Ordering pizza online
		Displaying family tree including information