



**Pakistan Urdu School- Kingdom of Bahrain**  
**Curriculum Implementation Plan for ICT Grade VIII**

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	<ul style="list-style-type: none"> <li>• April</li> <li>• 2 Weeks</li> </ul>	08/04/18	<p><b>Unit 1 – Networks and Communications</b></p> <ol style="list-style-type: none"> <li>1. Computer Networks               <ul style="list-style-type: none"> <li>➤ Sending Device</li> <li>➤ Receiving Device</li> <li>➤ Communication Devices</li> <li>➤ transmission medium</li> <li>➤ Client and server</li> <li>➤ Types of networks - LAN, WAN, MAN, PAN</li> <li>➤ Types of Communication devices - Dialup Modem , Network card</li> <li>➤ Types of physical Transmission media - Twisted pair cable, Coaxial cable, Fiber - Optical cable.</li> </ul> </li>   <li>2. Cutting Edge Technologies               <ul style="list-style-type: none"> <li>➤ Cellular communications</li> <li>➤ Satellite Communications</li> <li>➤ Global Positioning System</li> <li>➤ Bluetooth</li> </ul> </li>   <li>3. Ecommerce               <ul style="list-style-type: none"> <li>➤ E- sites</li> <li>➤ Shopping on the Web</li> <li>➤ ICT</li> </ul> </li> </ol>	<p><b>Standard 1:</b>Computer and Information Literacy</p> <p><b>Theme :</b>To know the fundamentals of computer and IT, possess Computing skills for speedy information handling and check virus attacks and authentication loopholes to take appropriate Remedial measures.</p> <p><b>Standard – 4</b> Communication and Computer Network Literacy</p> <p><b>Theme :</b>To have knowledge of communication using transmission media and devices with various technologies, describe communication in different types of networks, know communication standards and identify commonly used protocols and technologies in wired and wireless networks.</p>	6

2	<ul style="list-style-type: none"> <li>• April</li> <li>• 1 Week</li> </ul>	22/04/18	<p><b>Unit - 2 - Computer Security Threads</b></p> <ol style="list-style-type: none"> <li>1. Computer Security Threads <ul style="list-style-type: none"> <li>➤ Virus</li> <li>➤ Worms</li> <li>➤ Adware</li> <li>➤ Hacker</li> </ul> </li> <li>2. Managing an anti-virus <ul style="list-style-type: none"> <li>➤ Antivirus</li> <li>➤ Scan computer for viruses</li> </ul> </li> </ol>	<p><b>Standard 1:</b>Computer and Information Literacy</p> <p><b>Theme: To</b> know the fundamentals of computer and IT, possess Computing skills for speedy information handling and check virus attacks and authentication loopholes to take appropriate remedial measures.</p>	3
3	<ul style="list-style-type: none"> <li>• May</li> <li>• 1 Week</li> </ul>	02/05/18	<p><b>Unit - 3 Spreadsheets in EXCEL</b></p> <ol style="list-style-type: none"> <li>1. Introduction to spread sheets <ul style="list-style-type: none"> <li>➤ Define spreadsheet</li> <li>➤ Know the purpose of spread sheet</li> <li>➤ Recognize spread sheet software- Excel</li> <li>➤ Workbook and worksheet</li> <li>➤ Getting familiar with Excel application window</li> <li>➤ Identify different areas of spread sheet</li> <li>➤ Manipulate data</li> <li>➤ Enter a formula</li> <li>➤ Insert function</li> <li>➤ Spread Applications</li> <li>➤ Save spread sheet</li> </ul> </li> <li>2. Formatting Worksheet Elements <ul style="list-style-type: none"> <li>➤ Select a cell/ range of cells</li> <li>➤ Apply borders and shading to a cell/range of cells</li> <li>➤ Insert new rows &amp; columns</li> </ul> </li> <li>3. Inserting charts <ul style="list-style-type: none"> <li>➤ Represent the data graphically</li> <li>➤ Chart wizard</li> </ul> </li> </ol>	<p><b>Standard– 2</b> Productivity through Technology</p> <p><b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.</p> <p><b>Standard – 3:</b>Algorithmic thinking and problem solving</p> <p><b>Theme:</b> To develop understanding of algorithm. Begin thinking algorithmically to develop strategy for the problem solving</p>	3

4	<ul style="list-style-type: none"> <li>• May</li> <li>• 1 Week</li> </ul>	06/05/18	<b>Unit -4 Problem Solving</b> <ol style="list-style-type: none"> <li>1. Problem Solving <ul style="list-style-type: none"> <li>➤ Problem statement</li> </ul> </li>   <li>2. Flowcharting <ul style="list-style-type: none"> <li>➤ Define flow chart</li> <li>➤ Identify the flowchart symbols</li> <li>➤ Draw flowchart</li> </ul> </li> </ol>	<b>Standard -3</b> :Algorithmic thinking and problem solving  <b>Theme:</b> To develop understanding of algorithm.Begin thinking algorithmically to develop strategy for the problem solving	3
5	<ul style="list-style-type: none"> <li>• May</li> <li>• 1 Week</li> </ul>	13/05/18	<b>Unit – 5 Computer Programming</b> <ol style="list-style-type: none"> <li>1. Introduction to Programming <ul style="list-style-type: none"> <li>➤ Program</li> <li>➤ programming language</li> <li>➤ constant and variable</li> <li>➤ types of errors</li> <li>➤ Arithmetic expression</li> <li>➤ Operators</li> </ul> </li> <li>2. Programming in BASIC <ul style="list-style-type: none"> <li>➤ Basic commands</li> <li>➤ Assign a variable to an arithmetic expression</li> <li>➤ Write programs using BASIC.</li> </ul> </li> </ol>	<b>Standard -3</b> :Algorithmic thinking and problem solving  <b>Theme:</b> To develop understanding of algorithm.  Begin thinking algorithmically to develop strategy for the problem solving	3
6	<ul style="list-style-type: none"> <li>• June</li> <li>• 1 Week</li> </ul>	3/06/18	<b>Unit - 6 Introduction to Microsoft Access</b> <ol style="list-style-type: none"> <li>1. What is a Database?</li> <li>2. Introducing Microsoft Access</li> <li>3. Creating a Database</li> <li>4. Creating and Modifying Tables</li> <li>5. Totaling, Sorting , and Filtering Data</li> </ol>	<b>Standard– 2</b> Productivity through Technology  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	3

7	<ul style="list-style-type: none"> <li>• Aug &amp; Sept</li> <li>• 2 Weeks</li> </ul>	28/08/18	<b>Unit 2 – Microsoft Access Design View, Queries, Forms and Reports</b> <ol style="list-style-type: none"> <li>1. Using Design View</li> <li>2. Queries</li> <li>3. Forms</li> <li>4. Reports</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	6
8	Sep	4/09/18 – 18/09/18	First Term Examination	_____	
9	October <ul style="list-style-type: none"> <li>• 2 Weeks</li> </ul>	01/09/18	<b>Unit 3 – Creating Lists and Inserting Images in HTML</b> <ol style="list-style-type: none"> <li>1. Creating Lists</li> <li>2. Nesting Lists</li> <li>3. Inserting Images</li> <li>4. Inserting an Image as Background</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	6
10	<ul style="list-style-type: none"> <li>• October</li> <li>• 2 Weeks</li> </ul>	14/09/18	<b>Unit 4 – Tables, Links and Frames in HTML</b> <ol style="list-style-type: none"> <li>1. Creating Tables</li> <li>2. Linking</li> <li>3. Creating frames</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	6
11	<ul style="list-style-type: none"> <li>• Nov</li> <li>• Weeks</li> </ul>	01/11/18	<b>Unit 5 – Introduction to Dream weaver CS3</b> <ol style="list-style-type: none"> <li>1. Adobe Dreamweaver</li> <li>2. Elements of Dreamweaver</li> <li>3. Adding Text and Images</li> <li>4. Working with Hyperlinks</li> <li>5. Adding Flash Buttons</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	6

12	<ul style="list-style-type: none"> <li>• Nov</li> <li>• 2 Weeks</li> </ul>	18/11/18	<b>Unit 6 – Images and Framesets in Dream weaver CS3</b> <ol style="list-style-type: none"> <li>1. Rollover Images</li> <li>2. Image Maps</li> <li>3. Framesets and Frames</li> <li>4. Linking to Word and Excel Documents</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	6
13	<ul style="list-style-type: none"> <li>• January</li> <li>• 4 weeks</li> </ul>	02/01/19	<b>Unit 7 – Introduction to Photoshop</b> <ol style="list-style-type: none"> <li>1. Starting Adobe Photoshop</li> <li>2. Selection Tools</li> <li>3. Working with Images</li> <li>4. Painting Tools</li> <li>5. Drawing Tools</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	12
14	<ul style="list-style-type: none"> <li>• Feb</li> <li>• 3 weeks</li> </ul>	03/02/19	<b>Unit 8 – Tools Used in Photoshop</b> <ol style="list-style-type: none"> <li>1. Retouching Tools</li> <li>2. Working with Layers</li> <li>3. Working with Text</li> <li>4. Using Filters</li> </ol>	<b>Standard– 2 Productivity through Technology</b>  <b>Theme:</b> To have the knowledge and ability to use productivity tools appropriate to the task.	9

Prepared By **Ms. Asha K Raju**