

Week #	Dates	No of Working Days	Detail of the Topics	%	Review
1	Aug 12 - Aug 13	2 (Pakistan Independence Day)	Chapter 1 - Emerging Technologies 3D Imaging, Holographic Imaging, Virtual Reality (VR), Distributed Applications, 3D Printing, Augmented Reality, Artificial Intelligence and its applications. CA: Brainstorm: 'What emerging technologies do you use daily?'	2%	
2	Aug 16 - Aug 20	5	Chapter 1 Emerging Technologies. 5G Technology, Robotics and its applications, Machine Learning, Block Chain. Exercise Questions & Answers, Worksheets. HW: Research one 3D printing use-case and write a short paragraph and Ex. Q&A end of Ch 1	6%	
3	Aug 23 - Aug 27	4 (Eid Milad un Nabi)	Chapter 3 - Spreadsheet Software Google Sheets, Apache OpenOffice, Microsoft Excel. Font formatting, background colors and borders, alignment and orientation, working with long text. HW: Create a simple 5-row data table in Excel CT: Class Test Ch-1	10%	
4	Aug 30 - Sep 03	5	Chapter 3 Spreadsheet Software Number formatting, cell style and apply cell styles, formulas in Excel 365. Cell and range references, using formulas, pointing, relative/absolute/mixed references, text formulas, mathematical operators, error results, AutoSum. HW: Spreadsheet: calculate class marks with SUM & AVERAGE CA: KWL chart activity — Spreadsheet Software (resource pack)	15%	
5	Sep 06 - Sep 10	5	Chapter 3 Spreadsheet Software Mathematical operators, error results, AutoSum features, chart layout, creating combo chart, Sparklines. Exercise Questions & Answers, Worksheets. HW: Grade-calculator sheet using IF function CA: Build a student marks tracker with conditional formatting	18%	
6	Sep 13 - Sep 17	5	Chapter 2 Computer Networking. What is a network; types (LAN, WAN, MAN); network topologies HW: Draw & label 3 network topologies CT: Class Test Ch-3	20%	
7	Sep 20 - Sep 24	5	Chapter 2 Computer Networking. Network devices (router, switch, hub, modem); wired vs wireless networks HW: List network devices at home/school and their roles CA: Word-cloud activity — 'Computer Network' (resource pack)	22%	
8	Sep 27 - Oct 01	5	Chapter 2 Computer Networking Protocols (TCP/IP, HTTP, FTP); IP addressing basics; Internet vs Intranet HW: Research TCP/IP layers; summarise in table. Network security basics; firewalls; cloud computing introduction Exercise Questions & Answers, CT: Class Test Ch-2	24%	
9	Oct 04 - Oct 08	5	Revision + Assessment No 1, October 2026 (Tentative)	—	
10	Oct 11 - Oct 15	5	Ch 8: Digital Citizenship Threats: malware, phishing, hacking, ransomware; types of attacks HW: Research a real-world cyber attack and summarise	25%	
11	Oct 18 - Oct 22	5	Chapter 8 Digital Citizenship Protection measures: antivirus, firewalls, strong passwords, 2FA; safe browsing HW: Create a 'Cyber Safety Tips' poster CT: Assessment No 2 (Tentative) CA: Case study discussion — phishing email identification	27%	
12	Oct 25 - Oct 29	5	Ch 9: Entrepreneurship in Digital Age Digital business models; e-commerce; freelancing; digital marketing basics HW: Research a successful digital startup CT: Class Test Ch-8	30%	
13	Nov 01 - Nov 05	5	Ch 9: Entrepreneurship in Digital Age Creating a digital product/service idea; business plan elements; Working with Publisher 365, Formatting, HW: Draft a one-page digital business plan CT: Chapter 8 & 9 Class Test CA: Group pitch — present a digital business idea	40%	
14	Nov 08 - Nov 12	5	Chapter 9 Entrepreneurship in Digital Age Working with Publisher 365, Formatting, Creating New Blank Publication, Typography H.W By using different tools of Publisher create an Advertisement of any two items like shoes, Bags, or Mobile Do the Exercise Q/As in the Workbook CT: Class Test Ch-9	50%	
15	Nov 15 - Nov 19	5	Revision Revision of Ch 1-3, Ch 8-9 before Mid-Term Examinations.	—	
16	Nov 22 - Nov 26	3 (Oman National Day)	Mid Term Examination Grade 2 to 8 (Nov 22, 2026 to Dec 11, 2026)	—	
17	Nov 30 - Dec 03	5	Mid Term Examination Grade 2 to 8 (Nov 22, 2026 to Dec 11, 2026)	—	
18	Dec 06 - Dec 10	5	Mid Term Examination Grade 2 to 8 (Nov 22, 2026 to Dec 11, 2026)	—	

19	Dec 13 - Dec 17	-	Sports Week	—	
20	Dec 20 - Dec 31		Winter Break From (Dec 20, 2026 to Dec 31, 2026)	—	
21	Jan 03 - Jan 07	4 (Isra ul Mairaj)	Chapter 4 - Algorithmic Thinking Recap of algorithms; advanced flowcharts; nested conditions HW: Draw a flowchart for a student grade-decision system Computational thinking, problem solving strategies, finding algorithm.	70%	
22	Jan 10 - Jan 14	4 (H.M.Sultan's Accession Day)	Chapter 4 Algorithmic Thinking Flowchart, conditional statement.Pseudocode; loops in algorithms (for, while); debugging complex algorithms HW: Write pseudocode for calculating average of 5 numbers CA: KWL chart — Algorithmic Thinking (resource pack) (Know-Want-Learned Chart)	75%	
23	Jan 17 - Jan 21	5	Chapter 4 Algorithmic Thinking Basic rules of writing pseudocodes, nesting, variables, constants. Nesting in Agorithmic Thinking, Variables and Constants H.W Exercise Questions & Answers, Worksheets.	80%	
24	Jan 24 - Jan 28	5	Chapter 5 - Advance Programming Recap of Scratch/basic programming; intro to advanced programming concepts; sequence & selection Project working: Working onScratch Project given in the book. HW: Revise Ch 4 pseudocode notes CT: Class Test Ch-4	82%	
25	Jan 31 - Feb 04	5	Chapter 5 Advance Programming Operators, Writing Python program — lab practice. Group Project and Python speed programming contest. Lab. Develop a program using Comparison Operator to find out the highest Score among three scores. H.W Exercise Questions & Answers, Worksheets.	85%	
26	Feb 07 - Feb 11	5	Ch 6: Advance C-Language C language syntax recap; data types; variables; input/output (printf, scanf) HW: Write a C program to display your name & class CT: Class Test Ch-5	90%	
27	Feb 14 - Feb 18	5	Ch 6: Advance C-Language Operators (arithmetic, relational, logical); if-else; switch statements HW: C program: grade calculator using if-else CA: Trace output of given C programs	95%	
28	Feb 21 - Feb 25	4 (Oman Teacher's Day)	Ch 6: Advance C-Language Loops in C (for, while, do-while); arrays; simple array programs HW: C program: find sum of array elements CA: Pair coding — write & run C loop programs CT: Class Test Ch-6	100%	
29	Feb 28 - Mar 04	5	Revision Revision of Ch 4 & Ch 5 (Algorithmic Thinking & Advance Programming). Past paper practice.	—	
30	Mar 07 - Mar 11	3 (Eid-ul-Fitr)	Revision Full Syllabus revision: Ch 1, 2, 3, 4, 5, 8, 9. Exercise Q&A review.	—	
31	Mar 14 - Mar 25	2 Weeks	Grand Assessment, March 2027 (Tentative)		
Result Day: April 2027 1st					