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2026 National Recovery Annual Teaching Plan: Grade 11 – Term 1: INFORMATION TECHNOLOGY (IT)

Term 1 **11 weeks** (53 days) 12/01/2026 – 27/03/2026	**Week 1** (3 days) **14 Jan - 16 Jan**	**Week 2** (5 days) **19 Jan - 23 Jan**	**Week 3** (5 days) **26 Jan - 30 Jan**	**Week 4** (5 days) **2 Feb – 6 Feb**	**Week 5** (5 days) **9 Feb - 13 Feb**	**Week 6** (5 days) **16 Feb – 20 Feb**	**Week 7** (5 days) **23 Feb – 27 Feb**	**Week 8** (5 days) **2 Mar - 6 Mar**	**Week 9** (5 days) **9 Mar – 13 Mar**	**Week 10** (5 days) **16 Mar – 20 Mar**	**Week 11** (5 days) **23 Mar– 27 Mar**
CAPS Topic	**Solution Development** (2 hours)	**Systems Technologies** (4 hours)	**Solution Development** (4 hours)	**Systems Technologies** (2 hours) **Solution Development** (2 hours)	**Systems Technologies** (2 hours) **Solution Development** (2 hours)	**Solution Development** (3 hours)	**Networks** (2 hours) **Solution Development** (2 hours)	**Networks** (2 hours) **Solution Development** (2 hours)	**Solution Development** (3 hours)	**Computer Management** (2 hours) **Social Implications** (2 hours)	**Data and Information Management** (4 hours)
Core Concepts, Skills and Values	User accounts Logging in File management Revise using problem solving steps, tools, techniques from grade 10	• Describe the motherboard • Purpose and role of the motherboard • Components as part of the motherboard • Purpose and role of the expansion cards • Flow/transfer of data between components • Purpose and role of cache memory and caching • Memory as part of a computer system • Computer performance	Revision grade 10 loops • Nested loops (Structure + Algorithms)	• Types of OS's: cost/size/ hardware/platform • Programming language compilers/interpreters Arrays • Explain the concept of a 1-dimentional array • Arrays as a data structure (1-D)	• Overview of processing techniques • Virtual memory (Role + purpose) • Overview of virtualisation • Loop through items • Basic mathematical operations in an array	Algorithms: • Search using the linear and binary search algorithm • Sorting an array (bubble and selection sort)	Overview of physical aspects of a network • Communication (Wi-Fi, WiMAX, 5G, LTE) • Data transmission • Parallel arrays	Overview of network innovation • Voice over Internet Protocol (VoIP) • Internet vs Intranet vs Extranet • Virtual Private Networks (VPN) • Location-based computing • Parallel arrays	String manipulation using string methods: • inserting and deleting characters • determine the position of a character • find a character/substring • determine the length of a string Date and time objects • Changing the date and time • Formatting date and time • Date calculations • Date methods: time to string, date to string, test for leap year	Safeguarding against threats: • Safety and security • Threats: Physical, Hardware, Network • Remedies Social issues – applicable to term 1 content • The social implications of location-based computing • Ethical and legal issues of network use policies and practices • Capabilities and limitations of ICTs	• Describe database management software (DBMS) • Examples of DBMS software • Database types according to usage requirements – (size and accessibility) • Overview of database-related careers and roles of people involved • (Database Administrator (DBA)
Date completed											
Term coverage %	5.7%	15.1%	24.5%	34.0%	43.4%	52.8%	62.3%	71.7%	81.1%	90.6%	100%
Year coverage: %	1.8%	4.8%	7.7%	10.7%	13.7%	16.7%	19.6%	22.6%	25.6%	28.6%	31.5%
Suggested Informal assessment and remediation		2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	1 informal assessment task	2 informal assessment tasks	2 informal assessment tasks	1 informal assessment task	2 informal assessment tasks	2 informal assessment tasks
Formal assessment						**SBA Task 1: THEORY TEST: Min. 45 marks (1 hr)**			**SBA Task 2: PRACTICAL TEST Min. 45 marks (1 hr)**		

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2026 National Recovery Annual Teaching Plan: Grade 11 – Term 2: INFORMATION TECHNOLOGY (IT)

Term 2 **12 weeks** (54 days) 08/04/2026 – 26/06/2026	**Week 1** (3 days) **8 Apr - 10 Apr**	**Week 2** (5 days) **13 Apr - 17 Apr**	**Week 3** (5 days) **20 Apr – 24 Apr**	**Week 4** (3 days) **28 Apr – 30 Apr**	**Week 5** (5 days) **4 May – 8 May**	**Week 6** (4 days) **11 May – 15 May**	**Week 7** (5 days) **18 May – 22 May**	**Week 8** (5 days) **25 May – 29 May**	**Week 9** (5 days) **1 Jun – 5 Jun**	**Week 10 – 12** (14 days) **1 Jun – 26 Jun (Exam)**
CAPS topic	**Electronic Communication** (3 hours)	**Solution Development** (4 hours)	**Solution Development** (4 hours)	**Social implications** (2 hour) **Solution Development** (1 hours)	**Solution Development** (2 hours) **Software Engineering Principles** (2 hours)	**Solution Development** (4 hours)	**Software Engineering Principles** (3 hours) **PAT** (1 hour)	**Data & Information Management** (2 hours) **PAT** (2 hours)	**Solution Development** (2 hours) **PAT** (2 hours)	Assessment Practical: 3 hours & 120 marks & Theory: 3 hours & 120 marks
Concepts, skills and values	• Mobile/ wireless / e-communication • Use of Mobile technology • Use of Wireless technologies • Protocols • Data security	Introduction to text files • What is a text file? • Physical file vs Logical file name • Layout of data in a text file: end of line, end of file characters • Text file procedures to read and write.	Reading from a text file • Exception Handling • Checking whether file exists • Reading one line at a time • Reading multiple lines • Displaying information from a text file • Use of string handling functions in application exercises Adding to a text file • Write to a file using overwrite or append mode • Display the updated text file	Social issues applicable to term 2 content • Effects of digitalisation • How to protect your online identity Adding to a text file	• User defined methods with and without parameter passing • Introduction to user defined methods What is software development? Planning and implementing a solution	• Procedures and Functions	• Design the interface and the solution • Code/implement • Test and debug the program • Document, implement and maintain the program • Planning techniques using any appropriate tools • Dynamic Instantiation of active and passive components (functions and procedures) – GUI design **PAT** Problem definition and research	• Describe database management software (DBMS) • Examples of DBMS software, • Database types according to usage requirements – (size and accessibility) • Overview of database-related careers and roles of people involved **PAT** Task definition and user story Acceptance test	Consolidate text files and user defined methods **PAT** Data dictionary • Arrays • Text files User defined methods	**Paper 1 – Practical (120)** Question 1: Basic, general programming skills (30) conditionals, loops, built-in functions Question 2: Text Files (30) Question 3: Arrays (30) Question 4: General problem-solving (30) **Paper 2 – Theory (120)** Question 1: Short questions (15) Question 2: Systems Technologies (20) Question 3: Communications and Network Technologies (20) Question 4: Data and Information Management (20) Question 5: Solution Development (20) Question 6: Integrated Scenario (25)
Date completed										
Term coverage %	7.5%	20.0%	32.5%	40.0%	52.5%	62.5%	75.0%	87.5%	100%	
Year coverage: %	33.3%	36.3%	39.3%	41.1%	44.0%	46.4%	49.4%	52.4%	55.4%	
Informal assess, remediation	1 informal assessment task	2 informal assessment tasks	2 informal assessment tasks	1 informal assessment task	2 informal assessment tasks	1 informal assessment task	1 informal assessment task	1 informal assessment task	1 informal assessment task	
Formal Assessment							**PAT task 0**	**PAT task 1**	**PAT task 2**	**SBA Task 3:** **Mid-year Examination** **Practical (3 hours) & Theory (3 hours)**

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2026 National Recovery Annual Teaching Plan: Grade 11 – Term 3: INFORMATION TECHNOLOGY (IT)

Term 3 **10 weeks** (46 days) 21/07/26 – 23/09/26	**Week 1** (4 days) **21 Jul - 24 Jul**	**Week 2** (5 days) **27 Jul - 31 Jul**	**Week 3** (5 days) **3 Aug – 7 Aug**	**Week 4** (4 days) **11 Aug – 14 Aug**	**Week 5** (5 days) **17 Aug - 21 Aug**	**Week** (5 days) **24 Aug - 28 Aug**	**Week 7** (5 days) **31 Aug – 4 Sept**	**Week 8** (5 days) **7 Sept – 11 Sept**	**Week 9** (5 days) **14 Sept – 18 Sept**	**Week 10** (3 days) **21 Sept – 23 Sept**
CAPS topic	**Data and Information Management** (3 hours)	**Data and Information Management** (4 hours)	**Social Implications** (2 hours) **PAT** (2 hours)	**Solution Development** (3 hours)	**Solution Development** (2 hours) **PAT** (2 hours)	**Solution Development** (3 hours) **PAT** (1 hours)	**Solution Development** (4 hours)	**Solution Development** (2 hours) **PAT** (2 hours)	**Solution Development** (4 hours)	**Software Engineering Principles & PAT** (4 hours)
Concepts, skills and values	• Relationship between data, information, knowledge and decision making • Characteristics of quality data: • How qualities of valuable information can be used to build knowledge and make decisions • Accessing and manipulating data • Grouping data	• Reporting on data • Create a simple database without relationships • Design the table(s) • Maintain data: insert/add/import, delete, edit • Process, sort, query	Discuss the effect of Computer and human error Discuss the effect of cybercrime **PAT** Data dictionary & Database design	• Using good programming principles and algorithms • Accessing a database through programming language constructs • Set up a connection or connect to a database (single table) by providing path in code statements	• Develop a multi-form/multi-screen GUI incorporating simple controls – consider functionality and usability **PAT** Navigation / flow between screens GUI design	• Use programming language constructs in the execution of various simple database transactions **PAT** IPO & Data Validation	• Reinforce methods as part of a solution	• Apply simple parameter passing and return values using class methods as part of the form class **PAT** Create GUI application	• Design and develop solutions for specific problems that include computational thinking and software engineering principles	• Reinforce problem-solving steps and software engineering principles • Set up relationships between tables **PAT** Create DB and connect to application
Date completed										
Term coverage %	8.7%	19.6%	30.4%	39.1%	50.0%	60.9%	71.7%	82.6%	93.5%	100%
Year coverage: %	57.7%	60.7%	63.7%	66.1%	69.0%	72.0%	75.0%	78.0%	81.0%	82.7%
Informal assess; remediation	1 informal assessment task	1 informal assessment task	1 informal assessment task	1 informal assessment task		1 informal assessment task	1 informal assessment task	1 informal assessment task	1 informal assessment task	
Formal Assessment			**PAT task 3**		**PAT task 4**	**PAT task 5**	**SBA Task 4: Alternative Task Min. 45 marks (1 hr)**	**PAT task 6**	**SBA Task 5: PRACTICAL TEST Min. 45 marks (1 hr)**	**PAT task 7**

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2026 National Recovery Annual Teaching Plan: Grade 11 – Term 4: INFORMATION TECHNOLOGY (IT)

Term 4 **10 weeks** (47 days) 06/10/2026 – 09/12/2026	**Week 1:** (4 days) **6 Oct – 9 Oct**	**Week 2:** (5 days) **12 Oct – 16 Oct**	**Week 3:** (5 days) **19 Oct – 23 Oct**	**Week 4:** (5 days) **26 Oct – 30 Oct**	**Week 5:** (5 days) **2 Nov – 6 Nov**	**Week 6:** (5 days) **9 Nov – 13 Nov**	**Week 7 – 10** **9 Nov – 9 Dec**
CAPS topic	**Internet and WWW** (2 hours) **PAT** (2 hours)	**Internet and WWW** (2 hours) **PAT** (2 hours)	**Internet Services** (2 hours) **PAT** (2 hours)	**Internet Services** (2 hours) **PAT** (2 hours)	**Social Implications** (2 hours) **Software Engineering Principles** (2 hours)	**Software Engineering Principles** (4 hours)	**Assessment** Practical: 3 hours & 150 marks & Theory: 3 hours & 150 marks
Concepts, skills and values	• Overview of the evolution of the Internet • Software and applications • Big data concepts	• Overview of multimedia as part of Internet technologies • Media	• Overview of Internet services technologies • Types of websites (what they offer) • Overview of supporting technologies	• Security services (purpose, advantages, and limitations) • Internet related careers	• Social issues applicable to term 4 content • Discuss the social implications of big data. • Describe the influences of globalisation and fourth industrial revolution (4IR)	• Content using Case Studies - All Topics	**Paper 1 – Practical (150)** Question 1: Basic, general programming skills: conditionals, loops, built-in functions (40) Question 2: Functions and procedures (40) Question 3: Database (40) Question 4: General problem-solving: e.g., Arrays, text files (30) **Paper 2 – Theory (150)** Question 1: Short questions (±20 marks) Question 2: Systems Technologies (±25 marks) Question 3: Communications and Network Technologies (±25 marks) Question 4: Data and Information Management (±25 marks) Question 5: Solution Development (±25 marks) Question 6: Integrated Scenario (±30 marks)
	PAT Coding	**PAT** Coding	**PAT** Testing and data validation	**PAT** Documentation Finalisation	• Content using Case Studies - All Topics		
Date completed							
Term coverage %	13.9%	31.1%	48.4%	65.6%	82.9%	100%	
Year coverage %	85.1%	88.1%	91.1%	94.0%	97.0%	100%	
Informal assess; remediation	1 informal assessment task	1 informal assessment task	1 informal assessment task	1 informal assessment task	2 informal assessment tasks	2 informal assessment tasks	
Formal Assessment	**PAT task 8**	**PAT task 8 (Cont.)**	**PAT task 9**	**PAT task 10** **PAT – Submission**			**SBA Task 6:** **FINAL EXAMINATION** Practical (3 hours) & Theory (3 hours)

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Additional Information:

Teaching time per week	4 hours per week required • If contact time is lost a recovery plan must be in place. • Your recovery plan and remediation plan must be reflected in your Subject Improvement Plan – update it throughout the year. • Indicate on the teaching plan (ATP) what has been competed to track your progress. • Application packages share common features (formatting, editing, page layout, illustrations, etc.) reinforced these when teaching different packages. • Use the guideline documents to complete PAT.			
Resources (other than textbook) **to enhance learning**	**Hardware** • Data projector • 1 Learner per computer • Entry level computers networked • Multifunction Printer • Internet Connectivity	**Software** • Windows 10 or later version • Delphi programming software (Version 2010/10.3/10.4) • Office 2016 or later version (Word, Excel, Access, PowerPoint	**Maintenance plan**	**General** • Slide presentations - summarised content • Notebook for summaries and activities • Online content/resources • Video clips • Posters with new concepts/formulas/functions • Previous question papers
Examples of Formative Assessments/Retrieval Practice	• Mind maps for summaries • Brainstorm sessions • Quizzes (Flowgorithm, Google Forms, MS Forms, Kahoots!, etc.)		• Competitions/gaming (fun activities) • Peer-assessment, • Extended opportunities/activities, etc.	
Important Documents to use with the ATP	• Updated CAPS of 2025 • Chapter 4 – latest Assessment Instructions • Gr 12 Exam Guidelines with new concepts (new technologies where applicable)			

2026 school terms

Term	Begins	Ends	No. of weeks	No. of school days
First	12 January (educators) 14 January (learners)	27 March	11	55 (educators) 53 (learners)
Second	08 April	26 June	12	54
Third	21 July	23 September	10	46
Fourth	06 October	09 December (learners) 11 December (educators)	10	49 (educators) 47 (learners)

Subject: Information Technology (IT)

Gr 11 Program of Assessment 2026

Tasks	**Term 1**		**Term 2**		**Term 3**		**Term 4**		
	SBA Task 1	**SBA Task 2**	**SBA Task 3**		**SBA Task 4**	**SBA Task 5**	**SBA Task 6**		**PAT**
Assessment	Theory Test	Practical Test	Mid-Year Practical Exam	Mid-Year Theory Exam	Alternative task: Closed or open book, OR case study OR integrated task	Practical Test	Year-end Practical Exam	Year-end Theory Exam	Practical Assessment Task
Term Weightings	50%	50%	50%	50%	50%	50%	20%	20%	20%
SBA Weighting	15%	15%	40%		15%	15%			
Promotion Weighting	Convert to 40%						Convert to 60%		
Total Marks	Minimum 45	Minimum 45	120	120	Minimum 45	Minimum 45	150	150	TBC
Time Allocation	Minimum 60 minutes	Minimum 60 minutes	3 hours	3 hours	Minimum 60 minutes	Minimum 60 minutes	3 hours	3 hours	Term 3 & 4