basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

2026 National Recovery Annual Teaching Plan: Grade 12 – Term 1: INFORMATION TECHNOLOGY (IT)

Term 1 11 weeks (53 days) 14/01/2026 – 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	Database: Design and Concept (3 hours)	OOP (4 hours)	OOP (4 hours)	Hardware (2½ hours) **PAT** (1 ½ hours)	Database Management (4 hours)	Database design concepts (4 hours)	Database design concepts (2½ hours) **PAT** (1½ hours)	SQL (3 hours)	Social Implications (1½ hours) **PAT** (2½ hours)	PAT (3 hours)	PAT (3 hours)
Concepts, skills and values	Logging in / Passwords Explain and motivate relational database design Normalisation Transaction processing Characteristics of a good database design Caring for and managing data Hacking through data	Reinforce past programming skills (Methods) OOP Parameterised and non-parameterised constructors Correct use of private and public attributes, accessor, mutator and auxiliary methods	The use of the ToString method and accessor methods to provide output Correct instantiation of objects Correct use of methods of various objects as part of problem-solving	Mobile technologies Overview of factors influencing performance of a computer Motivate a typical computer system in respect of user requirements **PAT**	Data collection – Overview and examples Location based data Data warehousing + mining Caring for and managing data	Characteristics of a good database Problems with databases Split tables and create relations	Example of basic relationship enabled by the utilisation of key fields **PAT**	Design and develop a solution incorporating SQL SELECT all or some fields (FROM)	Discuss the advantages and disadvantages how mobile technology impacts on privacy – Personal and Business IoT – Technologies enabling the IoT and their impact on society **PAT**	PAT: Analysis of requirements using an appropriate methodology	PAT: Analysis of requirements using an appropriate methodology
Date Completed											
Term Coverage %	2.2%	5.9%	9.6%	13.3%	17.0%	20.7%	24.4%	28.1%	31.9%	35.6%	39.3%
Year Coverage %	5.7%	15.1%	24.5%	34.0%	43.4%	52.8%	62.3%	71.7%	81.1%	90.6%	100.0%
Informal assess; remediation	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks	2 informal assessment tasks		
Formal Assessment				**PAT**	**SBA Task 1: Theory Test 50 marks (1 hr)**		**PAT**	**SBA Task 2: Alternative task: 50 marks (1 hr)**	**PAT**	**PAT**	**PAT**

2026 National Recovery Annual Teaching Plan: Grade 12 – 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 – 12 (14 days) 1 Jun – 26 Jun (Exam)	
CAPS topic	Systems Technologies (1 hour) SQL (2 hours)	SQL (3 hours) PAT (1 hour)	Systems Technology (1 ½ hours) SQL (2½ hours)	SQL (3 hours) PAT (1 hours)	Systems Technology (1 hours) SQL (3 hours)	Solution Development (3 hours) PAT (1 hours)	Solution Development (3 hours) Social Implications (1 hours)		SBA TASK 4: MID-YEAR EXAMINATION	
									PAPER 1	PAPER 2
Concepts, skills and values	Factors influencing computer management DISTINCT and ORDER BY SELECT with calculated fields (AS) ROUND, INT, LENGTH	LEFT, RIGHT, MID Concatenating fields WHERE >, >=, <, <=, =, LIKE, BETWEEN AND, OR, NOT, IS NULL, NULL, IN PAT	Overview of cloud computing Overview of virtual reality, Wild cards #date# Insert, delete, update – ONE and then multiple records	Functions and aggregate functions Create a join query (single joins) using 'WHERE' PAT	Overview of augmented reality Overview of virtualisation Date functions (day, month, year, date) Queries with parameters where the user input is given: to modify data in a table "	Arrays as a data structure (2-dimensional) PAT	Consolidate and reinforce content, concepts and skills Design and develop solutions for a variety of problems that include computational thinking and applying software engineering principles Computer criminals & computer crime PAT		Marks: 150 – Time: 3 hours **Question 1** Basic, general programming skills **Question 2** Database **Question 3** Object-oriented programming (OOP) **Question 4** General problem-solving	Marks: 150 – Time: 3 hours **Section A: Question 1** *Short questions (±20 marks)* **Section B: Question 2** *Systems Technologies (±25 marks)* **Section C: Question 3** *Communications and Network Technologies (±25 marks)* **Section D: Question 4** *Data and Information Management (±25 marks)* **Section E: Question 5** *Solution Development (±25 marks)* **Section F: Question 6** *Integrated Scenario (±30 marks)*
Date Completed										
Term Coverage %	7.5%	20.0%	32.5%	40.0%	52.5%	62.5%	75.0%	87.5%	Cognitive levels: Lower order – 30%; Middle order-40%; Higher order-30%	
Year Coverage %	41.5%	45.2%	48.9%	51.1%	54.8%	57.8%	61.5%	65.2%		
Informal assess; remediation	2 informal assessment tasks.	2 informal assessment tasks	2 informal assessment tasks.	2 informal assessment tasks.	2 informal assessment tasks.	2 informal assessment tasks.	2 informal assessment tasks.			
Formal Assessment		PAT		PAT	SBA Task 3: Practical Test 50 marks (1 hr)	PAT	PAT			

2026 National Recovery Annual Teaching Plan: Grade 12 – 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 - 10 (13 days) 7 Sept – 23 Sept	
CAPS topic	Software Engineering (1 hours) PAT (2 hours)	Software Engineering (2 hours) PAT (2 hours)	Internet Services Technologies (2 hours) PAT (2 hours)	Communication Technologies (2 hours) PAT (1 hours)	Social Implications (1 hours) PAT (3 hours)	Solution Development (1 hours) PAT (3 hours)	Solution Development (4 hours)	SBA Task 5: Trial Examination	
								PAPER 1	**PAPER 2**
Concepts, skills and values	Reinforce software engineering principles	Reinforce software engineering principles	Improve searching Online applications Role of SQL, scripting languages Formatting output	Essential parts to link nodes Connecting to the Internet Sharing concepts Online services Remote access Overview of security concepts	Explain how computers provide solutions to issues	Consolidate and reinforce content, concepts and skills Design and develop solutions for a variety of problems that include computational thinking and applying software engineering principles	Consolidate and reinforce content, concepts and skills Design and develop solutions for a variety of problems that include computational thinking and applying software engineering principles	Marks: 150 – Time: 3 hours **Question 1** Basic, general programming skills **Question 2** Database **Question 3** Object-oriented programming (OOP) **Question 4** General problem-solving	Marks: 150–Time: 3 hours **Section A: Question 1** *Short questions (±20 marks)* **Section B: Question 2** *Systems Technologies (±25 marks)* **Section C: Question 3** *Communications and Network Technologies (±25 marks)* **Section D: Question 4** *Data and Information Management (±25 marks)* **Section E: Question 5** *Solution Development (±25 marks)* **Section F: Question 6** *Integrated Scenario (±30 marks)*
	PAT	PAT	PAT	PAT	PAT	Finalise PAT			
Date Completed									
Term Coverage:	12.1%	27.3%	42.4%	54.5%	69.7%	84.8%	100.0%		
Year Coverage	71.9%	75.6%	79.3%	82.2%	85.9%	89.6%	93.3%		
Informal assess; remediation	1 informal assessment tasks	1 informal assessment tasks	1 informal assessment tasks	1 informal assessment tasks	1 informal assessment tasks		2 informal assessment tasks		
Formal Assessment	PAT	PAT	PAT	PAT	PAT	PAT		**Cognitive levels:** Lower order – 30%; Middle order-40%; Higher order-30%	

2026 National Recovery Annual Teaching Plan: Grade 12 – Term 4: INFORMATION TECHNOLOGY (IT)

Term 4 10 weeks (42 days) 13/10/2026 – 09/12/2026	Week 1: (4 days) 6 Oct – 9 Oct	Week 2: (5 days) 12 Oct – 16 Oct	Week 3 – 10 19 Oct – 09 Dec
CAPS topic	Content using Case Studies: All Topics (3 hours)	Content using Case Studies: All Topics (4 hours)	**FINAL NSC EXAMINATION**
Term Coverage:	44.4%	100.0%	
Year Coverage	96.3%	100.0%	

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 completed to track your progress. • 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: <u>Information Technology (IT)</u>

Gr 12 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		NSC Examination		PAT
Assessment	Test 1 Theory Test	Alternative task	Test 3 Practical Test	Mid-year Practical Exam	Mid-year Theory Exam	Prelim Practical Exam	Prelim Theory Exam	Year-end Practical Exam	Year-end Theory Exam	Practical Assessment Task
Term Weightings	50%	50%	20%	40%	40%	50%	50%			
SBA Weightings	6%	6%	6%	41%		41%		50%	50%	
Promotion Weighting	Convert to 25%							Convert to 25%	Convert to 25%	Convert to 25%
Total Marks	Minimum 50	Minimum 50	Minimum 50	150	150	150	150	150	150	
Time Allocation	Minimum 60 minutes	Minimum 60 minutes	Minimum 60 minutes	3 hours	3 hours	3 hours	3 hours	3 hours	3 hours	