

YEAR 10 LONG TERM PLAN with CURRICULUM STANDARDS

ICT THEORY

YEAR 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	
Term 1	YR10/1(4)		YR10/2(2)	YR10/3(4)		YR10/4(2)	YR10/5(4)		
	DIGITAL COMMUNICATION								
	Mainframe computers, microprocessors, Personal Computers		Processors	Types of mobile phones and tablets & Personal digital devices		Convergence and multifunctional devices	Features of digital devices		
Term 1	YR10/6(2)	YR10/7(2)	YR10/8(4)		YR 12/9(2)	YR 10/10(2)	YR 10/11(2)	YR 10/12(2)	
	DIGITAL COMMUNICATION			SOFTWARE				REVISION	
	How ICT systems can meet specified needs	How mobile devices use SIMs to connect to networks	The purpose of systems software and applications software. Operating systems and system software tools		The role/function of the operating system	The purpose and use of application software	Types of software/Software licensing types	REVISION	
YEAR 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	
Term 2	YR10/1(2)	YR10/2(4)		YR10/3(4)		YR10/4(4)		YR10/5(2)	
	MEMORY	PERIPHERAL DEVICES		STORAGE		NETWORKS			
	Memory - RAM/ROM	Input and Output peripherals		Storage peripherals		Types of digital communications communication		Requirements for connecting to the internet	
Term 2	YR10/6(2)	YR10/7(2)	YR10/8(2)	YR10/9(2)	YR10/10(2)	YR10/11(4)		YR10/12(2)	
	NETWORKS								
	Factors influencing the choice of digital communication in a network	Impact of the choice of digital communication on the user experience	Benefits of using a LAN/home network	Securing data	Potential risks to data and personal information.	Availability of information online and the use of online information		REVISION	

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ICT PRACTICAL

YEAR 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	
Term 1	YR10/1(2)	YR10/2(2)	YR10/3(2)	YR10/4(2)	YR10/5(2)	YR10/6(2)	YR10/7(2)	YR10 /8(2)	
	FILE MANAGEMENT		IMAGE EDITING			PRESENTATION			
	File Management	Explain features of image types: bitmap and vector	Create images: combining basic shapes and text	Edit images: cropping, adding captions/text, editing/deletion of unwanted aspects	Edit images: cropping, adding captions/text, editing/deletion of unwanted aspects	Create a template/master slide	Create a template/master slide	Create slides: insert text, images, action buttons, hyperlinks; add animation, transition effects	
Term 2	YR10/9(2)	YR10/10(2)	YR10/11(2)	YR10/12(2)	YR 12/13(2)	YR 10/14(2)	YR 10/15(2)	YR 10/16(2)	
	PRESENTATION			SPREADSHEET					

Term 1	Create slides: insert text, images, action buttons, hyperlinks; add animation, transition effects	Print: handouts , notes pages, full page, headers and footers	Data types/ Format a worksheet	Use of formulae : arithmetic , percentage, single , multiple operators, absolute,relative cell reference, named cells/ranges. Replicate	Use functions: SUM, AVERAGE, IF, VLOOKUP /LOOKUP, MAXIMUM, MINIMUM, COUNT (COUNTA, COUNTIF), LENGTH, PRODUCT	Multiple worksheets, linked tables, sorting, filtering	Add graphs and charts	Formatting an appropriate graph/chart and print options	
	YEAR 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	YR10/1(2)	YR10/2(2)	YR10/3(2)	YR10/4(2)	YR10/5(2)	YR10/6(2)	YR10/7(4)	YR10/8(2)	
	WEB AUTHORIZING							WORD PROCESSING	
	Use a template: tables/frames, standard page features, banners, menu/navigation	Use a template: tables/frames, standard page features, banners, menu/navigation	Insert text, images, buttons, animation	Format a web page: headings, subheadings, body text, alignment	Format a web page: headings, subheadings, body text, alignment	Use HTML code: insert hyperlinks, insert images, font enhancements	Use HTML code: insert hyperlinks, insert images, font enhancements	Enter /edit and format text	
Term 2	YR10/9(2)	YR10/10(2)	YR10/11(2)	YR10/12(2)	YR10/13(2)	YR10/14(2)	YR10/15(2)	YR10/16(2)	
	WORD PROCESSING				DATABASE				
	POSTER + MEMO	LEAFLET	MAILMERGE	NEWSLETTER	INFORMATION SHEET + REPORT	Identify data types: alphanumeric/text, numeric/number, date, currency, logical/Boolean	Structure of a database, including: record, field, table, primary key/field, foreign key/field, relationships between tables	Need for validation and identify validation checks such as range check,presence check, type check, length check	

YEAR 11 LONG TERM PLAN with CURRICULUM STANDARDS

ICT THEORY

YEAR 11	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	YR11/1(4)		YR11/2(2)	YR11/3(4)		YR11/4(4)		YR11/5(2)
	ONLINE COMMUNITIES							REVISION
	Types of online communities		Use of online communities	Implications of the use of digital technologies		Types of services		Revision on Backing storage and Memory
Term 1	YR11/6(4)		YR11/7(2)	YR11/8(2)	YR11/9(2)	YR11/10(4)		YR11/11(2)
	ONLINE GOODS AND SERVICES							REVISION
	Impact of services		Revision on peripheral devices - Input/Output	Online software	Online working from home	Impact of the internet on individual	Impact of the internet on organisations	Revision on Software
YEAR 11	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8

YEAR 11	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	YR11/1(2)	YR11/2(2)	YR11/3(2)	YR11/4(2)	YR11/5(4)		YR11/6(4)	
	APPLYING ICT				REVISION		REVISION	
	Software applications	Data and information	Using software applications	Reviewing outcomes	Revision on Connectivity(Topic 2)		Revision on operating online(Topic 3)	

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ICT PRACTICAL**

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	YR11/P1(2)	YR11/P2 (6)			YR11/P3(4)		YR11/P5 (4)		
	DATABASE MANAGEMENT							REVISION ON PRESENTATION	
	Sort using a single field, multiple fields, ascending/descending order	Input information to given tables or forms applying format consistently. Use search/query using single criterion, multiple criteria, search within results, relational operators, logical operators			Produce outputs: reports, mail merge documents, specified fields, design view (table structure, searches/queries, forms, relationships), data view (table, search/query results, forms)		EXTENTION ACTIVITIES and REVISION ON PRESENTATION		

Term 1	YR11/P6(2)	YR11/P7(4)		YR11/P8(2)	YR11/P9(4)		YR11/P10(4)	
	REVISION ON GRAPHICS	REVISION ON WEB AUTHORIZING		REVISION ON FILE MANAGEMENT	REVISION ON SPREADSHEET		REVISION ON WORD PROCESSING	
	EXTENTION ACTIVITIES and REVISION ON IMAGING/GRAPHICS SOFTWARE	EXTENTION ACTIVITIES and REVISION ON WEB AUTHORIZING		EXTENTION ACTIVITIES and REVISION ON FILE HANDLING	EXTENTION ACTIVITIES and REVISION ON SPREADSHEET		EXTENTION ACTIVITIES and REVISION ON WORD PROCESSING	

YEAR 11	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	YR11/P11(2)	YR11/P12(2)	YR11/P13(2)	YR11/P14(2)	YR11/P15(2)	YR11/P16(2)	YR11/P17(4)	
	REVISION							
	REVISION - PAST PAPERS/SAMPLE PAPERS			REVISION - PAST PAPERS/SAMPLE PAPERS			REVISION - PAST PAPERS/SAMPLE PAPERS	