St. Mary's Catholic High School (2016-2017)

GRADE 1 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 1	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR1/1(2)		GR1/2(2)		GR1/3(3)			GR1/4(1)
	OUR AMAZING WORLD							
	Introduction to Computers - Parts of Computer		Manipulation of graphical objects on screen using mouse and arrow keys		Keyboard Skills			Practice Typing skills
Term 1	GR1/5(2)		GR1/6(1)	GR1/7(1)	GR1/8(3)			GR1/9(1)
	CHANGES							
	Keyboard Skills - MS Word		Typing simple words using the keyboard	Using a word bank	Virtual Experiments			Signs give instructions

GRADE 1	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR1/10(1)	GR1/11(1)	GR1/12(1)	GR1/13(1)	GR1/14(2)		GR1/15(2)	
	DIGITAL WORLD							
	Identify everyday sounds from short video clips and recognise that a speaker icon will generate a sound	Introduction to Paint and identifying Paint tools	Drawing using Paint tools	Use of geometrical shapes and applying colors	Creating a picture using paint tools		Making pictures in MS-Paint	
Term 2	GR1/16(1)	GR1/17(2)		GR1/18(2)		GR1/19(1)	GR1/20(2)	
	HANDLING DATA							
	Use of pictogram	Entering information into a Pictogram		Making your own Pictogram		Instructions	Revision/Assessment	

GRADE 2 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 2	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
	GR2 /1(2)		GR2/2(2)		GR2/3(1)	GR2/4(1)	GR2/5(1)	GR2/6(1)
	OUR AMAZING WORLD							

Term 1	Drawing using TuxPaint		Use of tools to draw different geometrical shapes		Shapes and Colours	Straight lines	Making Pictures	Creating pictures to fit a theme or mood
Term 1	GR2/7(2)		GR2/8(2)		GR2/9(2)		GR2/10(1)	GR2/11(1)
	CHANGES							
	Working with Word Processor		Typing letters and words		Creating your own poems		Improving text	Making a storyboard

GRADE 2	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR2/12(1)	GR2/13(1)	GR2/14(2)		GR2/15(2)		GR2/16(2)	
	LIGHT AND SOUND							
	Telling a story	Virtual Experiments	Variation		Forces and movement		Using Electricity	
Term 2	GR2/17(1)	GR2/18(1)	GR2/19(2)		GR2/20(2)		GR2/21(2)	
	HANDLING DATA							
	Using Pictograms to answer questions	Different questions,different answers	Answering databases using decision tree databases		Use of special characters and numbers - TuxMath		Revision & Assessment	

GRADE 3 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 3	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	G3/1(2)		G3/2(1)	G3/3(2)		G3/4(2)		G3/5(1)
	OUR AMAZING WORLD							*CHANGES*
	Combining words and pictures together		Importance of Looks	Adding Pictures		Editing and Improving Text		Revision on MS Word
Term 1	G3/6(2)		G3/7(2)	G3/8(1)	G3/9(1)		G3/10(2)	
	CHANGES							*HANDLING DATA*
	Creating your own magazine		Virtual experiments	Virtual Experiments	Introducing databases		Converting paper database to computer database	

GRADE 3	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	G3/11(2)		G3/12(2)		G3/13(1)	G3/14(2)		G3/15(1)
	HANDLING DATA							
	Using the database to make a graph		Entering data into a spreadsheet		Revision on databases	TuxMath Introduction		Logical Reasoning
Term 2	G3/16(1)	G3/17(2)		G3/18(2)		G3/19(2)		G3/20(1)
	HANDLING DATA	*LETS EXPLORE MORE*						
	Logical Reasoning	Virtual Experiments		TuxPaint		Communicating via e-mail		Revision & Assessment

GRADE 4 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	G4/1(2)		G4/2(1)	G4/3(2)		G4/4(1)	G4/5(2)	
	OUR AMAZING WORLD							
	Newspaper		It's got to make sense	Editing and improving text		It's got to be right	Making your own newspaper	
Term 1	G4/6(2)		G4/7(1)	G4/8(1)	G4/9(1)	G4/10(1)	G4/11(2)	
	OUR AMAZING WORLD		*CHANGES*					
	Using computer to paint		Copying and Resizing	Virtual experiments	Using the symmetry tool	Working with drafts	Creating images using different patterns	
GRADE 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	G4/12(1)	G4/13(1)	G4/14(2)		G4/15(1)	G4/16(1)	G4/17(2)	
	THE WAY WE LIVE						*DATA HANDLING*	
	Virtual experiments	Branching Databases	Creating a branching database		Studying the desktop	Parts of the computer	Different graphs for different jobs	

Term 2	G4/18(2)		G4/19(3)			G4/20(2)		G4/21(1)
			DATA HANDLING			*LETS EXPLORE MORE*		
	Bar Charts,Pie Charts and Line Charts		Working with logical skills			Spreadsheets		Revision and Assessment

GRADE 5 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
	GR5/1(1)	GR5/2(1)	GR5/3(2)		GR5/4(1)	GR5/5(2)		GR5/6(1)
			OUR WORLD					
Term 1	Introduction to Word 2007	Headers-footers	Insert pictures & clipart		Paragraph formatting	Bullet & numbering		Page setup
	GR5/7(2)		GR5/8(1)	GR5/9(2)		GR5/10(1)	GR5/11(1)	GR5/12(1)
			CHANGES					
Term 1	Insert WordArt & Autoshapes		Spell check & find-replace words in a document	Insert and edit tables		Dropcap,columns & page borders	Insert page break	Insert symbols
GRADE 5	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
	GR5/13(1)	GR5/14(2)		GR5/15(1)	GR5/16(1)	GR5/17(2)		GR5/18(1)
			THE WAY WE LIVE LETS EXPLORE MORE					
Term 2	Introduction to Presentation 2007	Different views		Formatting text	Working with textboxes	Different types of polygons & shapes		Setting the page for printing
	GR5/19(1)	GR5/20(2)		GR5/21(1)	GR5/22(1)	GR5/23(1)	GR5/24(2)	
			THE WAY WE LIVE LETS EXPLORE MORE					
Term 2	Change case & thesaurus	Adding tables		Slide nos. & slide background	Create,Edit,Colour schemes	Design Templates	Adding and Formatting Charts	

GRADE 6 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 6	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8

GRADE 6	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR6/1(1)	GR6/2(1)	GR6/3(1)	GR6/4(1)	GR6/5(1)	GR6/6(2)		GR6/7(1)
					OUR WORLD			
	Introduction to Excel	Navigating through a worksheet	Basic formatting	Alignment and wrapping of text	Formatting cells and sorting	Header footer and setting page break and printing in landscape		Summarising data in the form of charts
Term 1	GR6/8(1)	GR6/9(2)		GR6/10(2)		GR6/11(1)	GR6/12(2)	
				CHANGES				
	Summarising data in the form of charts	Creating a picture chart		Inserting pictures,WordArt, symbol		Using sum and autosum formula	Using addition, subtraction and multiplication formula	

GRADE 6	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR6/13(2)		GR6/14(1)	GR6/15(2)		GR6/16(1)	GR6/17(2)	
				LETS EXPLORE MORE				
	Use of division and average formula		Use of min,max formula	Use of percentages and calculation of percentages		Creating Series	Use the paste function to find median, mode	
Term 2	GR6/18(2)		GR6/19(1)	GR6/20(1)	GR6/21(2)		GR6/22(2)	
				CHANGES				
	Inserting comments and Hyperlinks		Using Format Painter	Creating a signature Line	PRACTISING FORMULA		PRACTISING CHARTS	

GRADE 7 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 7	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR7/1(3)			GR7/2(1)	GR7/3(1)	GR7/4(1)	GR7/5(1)	GR7/6(1)
	INTRODUCTION			*POWERPOINT*				
	What is ICT Using ICT to keep work safe Create a Safety			Introduction to Powerpoint	Working with slides	Adding images, cliparts and shapes	Manipulating images	Working with tables and charts
	GR7/7(1)	GR7/8(1)	GR7/9(1)	GR7/10(1)	GR7/11(1)	GR7/12(3)		
				POWERPOINT				

Term 1	Views and Header and Footer	Adding Animation	Adding Transitions	Themes background and color scheme	Adding sound and video to your presentation	Setting timings to your presentation and page set up	Revision on Powerpoint	Assignment & Worksheet on PowerPoint
GRADE 7	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR7/13(2)		GR7/14(1)	GR7/15(1)	GR7/16(1)	GR7/17(1)	GR7/18(1)	GR7/24(1)
	WORD PROCESSING							
	Familiarising Word 2007 Label Parts of MS WORD window		Basic features of M.S. WORD	Find- replace and spell check	Working with graphics, symbols and special characters	Alignment and Paragraph spacing	Indenting paragraphs and bullets and numbering	Bullets and Numbering
Term 2	GR7/25(1)	GR7/26(1)	GR7/27(1)	GR7/28(1)	GR7/29(1)	GR7/30(1)	GR7/31(1)	GR7/32(1)
	WORD PROCESSING							
	Header and footer	Inserting WordArt Objects Insert Page Color and Borders		Working with tables	Setting Page layout and columns	Previewing and Printing a document	Creating a Newsletter	Assignment & Worksheet on Word

GRADE 8 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 8	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR8/1(1)	GR8/2(2)		GR8/3 (1)	GR8/4 (1)	GR8/5 (1)	GR8/6 (1)	GR8/7 (1)
	DREAMWEAVER 8							
	Introduction to Dreamweaver 8	Creating a new website and webpage	Identify the parts of Dreamweaver 8 window	Design and Layout	Inserting tables	Adding Design Elements(Text and List)	Adding Design Elements(Image)	Creating Hyperlinks
Term 1	GR8/9 (1)	GR8/10 (1)	GR8/11 (1)	GR8/12 (1)	GR8/13 (1)	GR8/14 (1)	GR8/15 (1)	GR8/16 (1)
	DREAMWEAVER 8			*HEALTH AND SAFETY*			*DREAMWEAVER 8 & HEALTH AND SAFETY*	
	Previewing in browser	Different types of website Assignment		Health and Safety Create a website to show Healthy and Safety Issues			Worksheet on DreamWeaver, Health and Safety	
GRADE 8	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR8/17 (1)	GR8/18 (2)		GR8/20 (1)	GR8/21 (1)	GR8/22 (1)	GR8/23 (1)	GR8/24 (1)
	MICROSOFT EXCEL							
	Introduction to	Basic formatting of a worksheet		Sorting cells	Filtering tables	Conditional	Setting page layout	Using sum and

spreadsheets	Identifying Part of MS Excel Software	Sorting cells	Filtering tables	Formatting	Setting page layout	autosum
GR8/25 (1)	GR8/26 (1)	GR8/27 (1)	GR8/28 (1)	GR8/29 (1)	GR8/30 (1)	GR8/31 (1)	GR8/32 (1)

MICROSOFT EXCEL

Term 2

Use of basic operators	Creating series and replication of formulae	Use of lookup formulae		Use of if formula		Use of data validation and protection of cells	Worksheet on EXCEL

GRADE 9   LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 9	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
	GR9/1(2)	GR9/2(2)	GR9/3(2)	GR9/4(2)	GR9/5(2)	GR9/6(2)	GR9/7(4)	

HARDWARE

Term 1

Input,Output, Processing and Storage	Hardware-types of computer and processors	Input devices- Keyboard and pointing devices	Scanners - OMR,OCR and MICR	Magnetic Stripe card, Smart card	Digital camera, Digital video camera,Webcams	Biometric Scanner, Sensors, Audio Input Devices and Remote control	

HARDWARE —— *SPREADSHEETS*

GR9/8 (4)	GR9/9(4)	GR9/10(4)	GR9/11(4)

Term 1

Output Devices -Monitors,Touch Screen, Multimedia projectors	Printers- Different types and stationary	Plotters - Multifunction printers, Speakers and Sound cards, Control Devices	Spreadsheet basics	Working with formulas- Sum,Max,Min,Average,count

GRADE 9	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
	GR9/12(2)	GR9/13(4)		GR9/14(2)	GR9/15(4)		GR9/16(2)	GR9/17(2)

SPREADSHEETS —— *STORAGE DEVICES AND MEDIA*

Term 2

Working with formula- if,sumif,countif,lookup	Bit byte representation-Binary and Decimal conversions and Storage Units	Hard Disks	Optical Storage - CDs,DVDs,HD,DVD and blu-ray	Magnetic tapes and Backups	Main memory

GR9/18(2)	GR9/19(2)	GR9/20(4)	GR9/21(4)	GR9/22(2)	GR9/23(2)

STORAGE —— *SOFTWARE* —— *REVISION*

Term 2

Flash memory - Addresses and Locations	Software- Types of Software	Web browser,presentation and image editing and audio editing software	Web authoring, Project management and Educational Software	Other Application Software, Bespoke and Customised software	Revision on Software and Storage devices

GRADE 10 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR10/1(8)				GR10/2(2)	GR10/3(2)	GR10/4(2)	GR10 /5(2)
	SOFTWARE				*NETWORKS*			
	Operating System-Functions	Command & user interfaces	File handling	Software licensing	Devices can be linked together to form networks	Benefits of establishing a network	Introduction to network-LAN	WAN
Term 1	GR10/6(2)	GR10/7(2)	GR10/8(2)	GR10/9(2)	GR 10/10(2)	GR 10/11(2)	GR10/12(4)	
	INTERNET							
	Internet and WWW	Facilities and Services-E-mail, Fax	Different Ways of Finding Information	Intranet,VPN & Email	Online Shopping and Online Banking	Facilities and Services(egs) - Electronic Discussion forums	Web Broadcasting -Blogs,Wikis and Social networking	

GRADE 10	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 2	GR10/13(2)	GR10/14(2)	GR10/15(2)	GR10/16(2)	GR10/17(2)	GR10/18(2)	GR10/19(2)	GR10/20(2)
	THREATS		*SOCIAL IMPACT OF ICT*	*PRIVACY*	*SECURITY*	*DATABASES*		
	Threats from the Internet and security	Access to inappropraite information	The Social Impact of ICT	Data Protection Act	Security - Physical and Software	Databases-tables & data types	Keys, Field Properties and Sizes	Relationship & its types
Term 2	GR10/21(2)	GR10/22(2)	GR10/23(2)	GR10/24(4)		GR10/25(2)	GR10/26(2)	GR10/27(2)
	DATABASES						*GRAPHICS, AUDIO AND VIDEO EDITING SOFTWARE*	*REVISION*
	Queries & its types	Calculated fields & update queries	Forms & Reports	Validation Rule, Validation Text with examples		Input Mask Syntax	Bitmap and vector graphics	REVISION Worksheet on databases

GRADE 11 LONG TERM PLAN with CURRICULUM STANDARDS

GRADE 11	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8
Term 1	GR11/1(4)		GR11/2(6)			GR11/3(2)	GR11/4(2)	GR11/5(2)
	MODELLING & SIMULATION		*WEB AUTHORING*			*DATA INPUT AND OUTPUT*	*REVISION*	*REVISION*

Te..	Modelling- creating and evaluating data models	Web Authoring Software		Data Output and Encoding data	Revision on Hardware	Revision on Backing storage and Memory

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