

SRI LANKAN SCHOOL - MUSCAT SCHEME OF WORK ACADEMIC YEAR 2016 / 2017					
CLASS : 6 B/G/R		SUBJECT: ICT TEACHER : Ms. Chandima Vitharana / Ms. Surini Jayasuriya			
Month	No. of Periods	Unit	Activity	Intended Learning Objectives	Remarks
September					
School Reopens - 1st Term					
Week 1	2	Using Computer Networks	Discuss how various types of devices are arranged to create different types of networks	To be able to analyze how computers communicate through networks	
Week 2	2	Eid Holiday			
Week 3	2	Using Computer Networks	Explain how computers are logically arranged to create topologies and their features	To identify different types of network topologies and their applications in real life	
Week 4	2	Communication and Collaboration	Research on a range of internet based services and how they can be utilized for different aspects of communication	To be able to distinguish among various types of internet based services	
Week 5	2	Developing Problem solving and Logical reasoning skills	Discuss the concepts of sequence, selection and iteration using various scenarios	To create simple algorithms using the main control constructs	
October					
Week 6	2	MONTHLY TEST			
Week 7	2	Programming Games	Use sequence, selection and iteration to give instructions to execute simple tasks in Scratch	To be able to demonstrate the use of algorithms to execute programs	
Week 8	2	Controlling physical systems	Discuss how physical systems such as lifts, escalators, robots function using sensors	To be able to analyze the program logic behind physical systems	
Week 9	2	Digi Navigator Examination Revision			
Week 10	2	Digi Navigator Examination Revision			
November					
Week 11	2	Digi Navigator Examination			
Week 12	2	ICT - the challenge	Explain through tasks how computers can be used to perform tasks through ICT best practices	To be able to demonstrate skills in using computers sensibly and safely	
Week 13	2	Get Active	Communicate and exchange information through digital means such as email	To understand that information can be created and stored in digital forms and exchanged digitally	
Week 14	2	REVISION			
December					
Week 15	2	First Term Practical Test			
Week 16	2	FIRST TERM END EXAMINATION			
Week 17	2	Correction of papers and preparing progress reports			
Week 18	2	DECEMBER VACATION			
January					
School Reopens - 2nd Term					
Week 19	2	DECEMBER VACATION			
Week 20	2	Virtual Tour of School 1.1, 1.2	Discuss important considerations when creating a Virtual Tour Creating a planning document for the virtual tour	To be able to understand the necessity of meeting the needs of an audience / To be able to plan a presentation for a particular purpose and an audience	
Week 21	2	Virtual Tour of School 1.3, 1.4	Evaluate and give constructive feedback and improve the plan based on it Including readable, meaningful text when presenting information	To be able to provide useful feedback and make improvements based on recommendations / To be aware that the writing style should be appropriate for the audience	
Week 22	2	Virtual Tour of School 1.5, 1.6	Discuss the considerations when choosing suitable images for the presentation Editing images according to the requirement Add the images as appropriate to the virtual tour	To be aware of the importance of using images to convey the meaning / To demonstrate skills in preparing and including images to meet the needs of an audience	
Week 23	2	Virtual Tour of School 1.7	Discuss the importance of using audio and video to make a presentation effective Create a plan for the audio and video to be included in the presentation Discuss what are the ethical concerns when using human resource to create audio and video	To be able to use audio and video to make the presentation effective for an audience	
MONTHLY TEST					
February					
Week 24	2	Virtual Tour of School 1.8	Record audio and video clips according to the multimedia plan Edit and compose them to match the presentation Save the work in correct formats	To be able to demonstrate skills in recording audio / video and store them in appropriate formats / to be able to evaluate the suitability of audio / video clips for the need of and audience	
Week 25	2	Virtual Tour of School 1.9, 1.10	Discuss how the virtual tour can be made interesting and interactive Include transitions and animations in the Virtual tour Evaluate each others work using CHIPS criteria	To be able to apply effective transitions and animations in the presentation / To be able to evaluate work based on agreed criteria	
Week 26	2	Virtual Tour of School 1.11	Discuss the features of formal and informal letters and what occasions they are being used Create a formal letter for a given requirement	To be able to use appropriate style and apply common conventions when structuring a formal letter	

Week 27	2	Help a Rescue Center 2.1, 2.2	Discuss about reliability and bias in information gathering Search for necessary information from different sources for the given requirement Model the gathered data and manipulate them to find important results	To be able to use the internet to find reliable information / To be able to manipulate data models to find answers to questions	
MONTHLY TEST					
March					
Week 28	2	Help a Rescue Center 2.3, 2.4, 2.5	Discuss how to make the key information stand out Format the spreadsheet to emphasize the key information Present a report based on the information generated through the data model Evaluate the presented work and provide necessary recommendations	To be able to improve the usability of the data model / To be able to use the model to simulate a user's situation / To be able to successfully evaluate own work	
Week 29	Revision / Second Term Practical Test				
Week 30	SECOND TERM END EXAMINATION				
Week 31	Paper Correction				
April					
Week 32	Correction of papers and preparing progress reports				
Week 33	APRIL VACATION				
Week 34	2	Help a Rescue Center 2.6,2.7	Gather content from a database and create a leaflet Discuss what could be the important considerations when designing a leaflet holder Create a suitable leaflet holder to contain the leaflets already created	To be able to plan and design a leaflet for a specific audience and purpose / To be able to identify and gather relevant information for a leaflet holder	
Week 35	2	Help a Rescue Center 2.8,2.9	Discuss the features of a good leaflet design Evaluate designs and identify the best ones Create the leaflet and the holder using suitable tools	To be able to identify good design elements / TO be able to create, complete and publish a leaflet	
May					
Week 36	2	Create a Game 3.1,3.2	Discuss the criteria of creating a successful game Discuss the production life cycle of a game Identify the audience the game is made for and analyze their requirements	To be able to identify the features and components of a successful game / To be able to identify the audience and analyze the purpose of a game	
Week 37	2	Create a Game 3.3,3.4	Explain the purpose of the components in the game making tool Discuss and list the rules to be included in the game Change the behaviors and observe how it affects the output	To be able to understand the importance of rules on a game / To be able to design the behaviors appropriate for an audience	
Week 38	2	Create a Game 3.5	Create the plan, design and rules for the game Make improvements to the plan Discuss how graphics could be made more interactive	To be able to plan and implement improvements to the game's behaviour	
Week 39	2	Create a Game 3.6	Create the game using different types of graphics and sprites	To be able to improve the game by creating or importing new graphics	
Week 40	2	Create a Game 3.7,3.8	Discuss what sounds are appropriate for the game Create own sound clips and use in the game Make changes to the game according to the target audience	To be able to select and create suitable sounds for the game / To be able to adapt the design according to the audience	
MONTHLY TEST					
June					
Week 41	2	Create a Game 3.9,3.10	Create suitable test plans Test own and others games Evaluate and present feedback on the game	To be able to test and finalize a game / To be able to evaluate the performance of the pupil	
Week 42	Revision / Third Term Practical Test				
Week 43	THIRD TERM END EXAMINATION				
Week 44	Paper Correction				
July					
Week 45	Correction of papers and preparing progress reports				
Week 46	SUMMER VACATION				