Distribution of computer and information technology content

For 1st.Prep 2024 / 2025 - First Term

Month	Week & Date	Topics	Evaluations
September 2024	1 21/9/2024	Lesson one: green technology	
	2 28/9/2024	Lesson Two: Digital transformation and its importance in our daily lives	
October 2024	3 5/10/2024	Lesson Three: Operating Systems	
	4 12/10/2024	Lesson Four: Installing and removing software and peripheral digital devices	
	5 19/10/2024		
	6 26/10/2024	Lesson Five: Email	وفقاً لقرار ١٣٧ يتم عمل: اختبار أسبوعي واختبار شهري ١
November 2024	7 12/11/2024		
	8 9/11/2024	Lesson Six: Cloud Computing	
	9 16/11/2024	Lesson Seven: Google Meet and Managing Your Project	
	10 23/11/2024	Lesson Eight: Database Design	وفقاً لقرار ١٣٧ يتم عمل: اختبار أسبوعي واختبار شهري ٢
	11 30/11/2024		
December2024	12 7/12/2024	Lesson nine: Forms and inquiries	
	13 14/12/2024		
	14 21/12/2024	Project + review of the curriculum	
	15 28/12/2024		
January 2025	16 4/1/2025		

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For 2nd.Prep 2024 / 2025 - First Term

Month	Week & Date	Topic	Accompanying Activities
September 2024	1 21/9/2024	• Web sites	• The concept recognizes (website – Home/web page) • conclude that Website consists of one or more pages • Conclude web pages components (text – image – Video – Hyperlink) • Recognize the concept of a static web page • Recognize the concept of Dynamic web page
	2 28/9/2024		
October 2024	3 5/10/2024	• Stages of designing and creating website	• Differentiate between stages of designing and creating website • Paint a simple outline on paper includes web pages • Design sketches for Web pages, "My school site." • Look for the required texts for different web pages. • Capture images to school classes labs playgrounds • Save images as files within a storage units
	4 12/10/2024		
		• Creating and processing audio files Enrichment	• Prepare and equip for audio file • Record voice comments using Audacity program in the creation and processing of sound • Modify the audio clip to add effect • Adjust the sound clips (cut-and-paste / delete) • Put effects on one sound clips • Sound comes to file with appropriate (MP3 – Wav)
		• Creating and processing video files Enrichment	• Import files (images / sound) using Open-shot program in editing and processing of video files • Create videos inside video processing program files • Adjust the video scenes • Save video project file • Add effects to scenes video • Add (transitions / text) to watch the video • To issue a video file with appropriate extinction.
October 2024	5 19/10/2024	• HTML coding languages • Key Concepts	• Definition of the language HTML • HTML commands • Rules basic Web site using HTML to create a page • About structure to create web page using HTML • Add title of web page about it <title> ....</title>
	6 26/10/2024		

November 2024	7 12/11/2024	• Add the content to the web page • Formatting web page	• Add text to the web page • Change the direction of the web page using the property dir • The beginning of writing of a new line thing • Centering text about it .
	8 9/11/2024		
	9 16/11/2024	• Cont. formatting web page • Formatting web page background	• Add a blank space between words matter & nbsp • Determine the background color of the web page characteristic bgcolor • Put a picture as the background of the web page characteristic background
	10 23/11/2024	• Formatting font in the web page	• Command .. to coordinate the Line • Commands <u> , <b> , <i>to change the font style
	11 30/11/2024	• Adding multimedia to web page	• insert image within a web page about it <img> • Control the dimensions of the image web page height property and property width • The alignment of the image within the page characteristic Align
December 2024	12 7/12/2024	• Cont. adding multimedia to web page. • Hyperlink	• The inclusion of audio sounds as a backdrop blight thing <bgsound> • Video inclusion within the page about it <embed> • Insert Hyperlink text of web page about <a> .. • A hyperlink to the image of the inclusion of the Web page about it <a> ..
	13 14/12/2024		
	14 21/12/2024	• Creating the project "My school site"	• Create web page "Home" • Create web page "about the school." • Create web page "photo album" • Creating web "contact" page
December2024 – January 2025	15 28/12/2024	General Review – practical tests	
	16 4/1/2025		

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For 3rd.Prep 2024 / 2025 - First Term

Month	Week & Date	Topic	Accompanying Activities
September 2024	1 21/9/2024	• Problem solving • Problem solving stages	• Arrange the problem solving stages • Develop problem solving stages to problems in real life
	2 28/9/2024	• Flow chart • Simple flow charts • Exercise (1-1) flow chart to adding two numbers • Exercise (1-2) solving the equation of the first degree 2+3x=Y	• Write the definition of flow charts • Mention the instruction to draw flow chart • Activity (1-1) draw a flow chart to calculate the perimeter and area of rectangle • Activity (1-2) draw a flow chart to calculate an area of a circle • Activity (1-3) draw a flow chart to calculate the years number with the knowledge of months number
October 2024	3 5/10/2024	• Using (decision) on the flow chart. • Exercise (1-3) drawing a flow chart to print "succeed" if the degree of more than or equal 50 • Exercise (1-4) drawing a flow chart to print the result of divided two numbers if the divisor equal 0 and print "not defined"	• Activity (!-4)draw a flow chart to input two numbers then print "the greater number is " and "the little number is"
	4 12/10/2024	• Exercise (1-5) draw a flow chart to input number then print the type of number{even or odd) • Exercise (1-6) draw a flow	• Activity (1-5)draw a flow chart to calculate circle area which has radius R

		chart to get the temperature and print greater than zero or less than zero or equal zero	
	5 19/10/2024	• Using loops in flow chart • Exercise (1-7) print numbers from 1 to 3 • Exercise (1-8) modify flow chart using the last exercise to print multiplication table of 3	• Activity (1-6) following the value of the variable j and print the value in every stage • Activity (1-7) draw a flow chart to print even numbers from 1 to 10
	6 26/10/2024	Exercise (1-9) print the integer number from 1 to 3 • Solve the exercise of chapter 1	• Activity (1-8) sum of odd numbers from 1 to 10 • Activity (1-9) sum of even numbers from 1 to 10
	7 12/11/2024	• Chapter 2 • VB.net • Programming and computer memory Enrichment • VB.net and Framework.NET • VB.net and IDE	• Drawing sketch to GUI of IDE
November 2024	8 9/11/2024	• Solve the exercise of chapter 2	• Activity (2-1)
	9 16/11/2024	• Chapter 3(controls properties) • Form • Set properties (Text) and (Name)	• Set properties of the form FormBorderStyle)) (MaximizeBox) ،(ControlBox) ،(BackColor)،(MinimizeBox) ، .(RightToLeft)،(RightToLeftLayout) nrichment (WindowState) Enrichment
	10 23/11/2024	Button • Set properties (size-location)	• Draw (button) on the form. • Change the button place on the form.

		• Set properties (font-back color-forecolor) Label • Set properties (border style -Auto Size) Text box • Set properties (max length – multiline password Char)	• Set properties front and back color for the button. • Control on the label size. • Control on the outline of the label.
	11 30/11/2024	List box	• Set properties (list box-combo box) • Set properties (Items) - (Selection Mode)- (Sorted)Combo box • Set properties ete Mode • (Auto Complete Source Enrichment
	12 7/12/2024	• Group box • Radio button • Check box • Solve the exercise of chapter 3	• Put group box twice then draw radio button in each group to know if the user male or female • Draw many check box to know which language the student know.
December 2024	13 14/12/2024	Chapter4 (code window) • Code window • Event handler	• Open the form of code window • Create a processor then press on the button on the code window form.
	14 21/12/2024	• Set the software properties • Solve the exercise of chapter 4	Set the software properties to the text.
	15 28/12/2024	General review	Create a project using the tools we learned.
January 2025	16 4/1/2025		

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