BISHOP SCOTT BOYS' SCHOOL
STUDENT CURRICULUM MANUAL

Subject : ICT	Class : VI	Academic Plan : 2025 -26

Month	Course Description	Learning Outcome	Activity	No. of Periods	Portion for PT & TERM Assessment
April	Ch. 1 PowerPoint 2019	After completing this chapter, the students shall be able to learn: • Creating a Photo Album • Screen Recording • Ink Equations • Smart Lookup • Ink Annotations	• Create a Photo Album on Seven Wonders of the World • Use Screen Recording to record a podcast. • Use Ink Equation to write some basic formula. • Use Smart lookup to find the details of some tough word. • Use Ink Annotations to annotate a presentation on the screen.		**PT – 1** **Ch – 1** PowerPoint 2019 **Ch – 2** More on Excel 2019
May	Ch. 2 – More on Excel 2019	After completing this chapter, the students shall be able to learn: • Selecting cells in a Worksheets • Copying/Moving Data • Column width and raw height • Inserting rows/columns • Merging cells • Splitting Cells • Formatting Spreadsheets • Customising Worksheet tabs • Autofill	• Create a Class Timetable • Create a Birthday Reminder List • Create a Budget Planner • Track Your Weekly Reading Progress • Create a Sports Score Tracker • Plan Your Dream Vacation **Let's Code** • Creating an Algorithm Using Block Coding		**Term – 1** **Ch – 1** PowerPoint 2019 **Ch – 2** More on Excel 2019 **Ch – 3** Charts, Formulas & Functions in Excel **Ch – 4** Digital drawing in Krita **Ch – 5** Introduction to HTML5 & CSS3

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June	Ch. 3 – Charts, Formulas & Functions in Excel	After completing this chapter, the students shall be able to learn: • Understanding Cell Range • Using Charts • Types of Data in Excel • Using formulas to perform to calculations • Order of Operations • Cell Referencing in Formulas and its Types • Reference to Other Worksheets • Functions	• Create a Student Marks Chart • Create a Monthly Expense Tracker • Create a Plant Growth Chart • Create a Weather Data Tracker • Create a Sports Score Tracker • Create a Favorite Food Survey **Let's Code** • Make the Cat Move in Scratch		**PT-2** **Ch-6** Internet Services **Ch-7** Algorithmic Intelligence
July	Ch. 4 – Digital Drawing in Krita	After completing this chapter, the students shall be able to learn: • Downloading and installing Krita • Opening Krita • Creating A New Document • Tools in Krita • Working with Drawing Tools • Working With Brushes • Using Fills, Gradients and Patterns	• Create a Self-Portrait Using Krita • Design Your Dream House • Create a Digital Landscape • Draw a Favorite Animal • Create a Cartoon Character • Make a Digital Greeting Card **Let's Code** • Let's Play with Variables in Block Coding		**Term-2** **Ch-6** Internet Services **Ch-7** Algorithmic Intelligence **Ch-8** Introduction to Programming **Ch-9** Python **Ch-10** Intelligence & AI Approaches

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August	Ch. 5 – Introduction to HTML5 & CSS3	After completing this chapter, the students shall be able to learn: • HTML • Tags and Attributes • Rules for Writing HTML5 Codes • HTML5 Document Structure • Creating and saving an HTML Document • Introducing CSS3 • Editing an Existing HTML Document	• Create a Personal Webpage • Build a Webpage with a List of Favorite Hobbies • Create a Photo Gallery • Create a Birthday Invitation Page **Let's Code** • Guess the Secret Number		
September	Revision for Term-1 Exam				
October	Ch. 6 – Internet Services	After completing this chapter, the students shall be able to learn: • Social Networking • Skype • E-banking • Newsgroup • Blogging • Cloud Computing • RSS(Really Simple Syndication) • Podcasting	• Explore Different Types of Internet Services • Create a List of Your Favorite Websites • Create an Email Account and Send Your First Email • Use a Search Engine to Find Information • Explore Cloud Storage Services • Create a Video Streaming Playlist • Create an Online Shopping Wishlist		

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November	Ch. 7 – Algorithmic Intelligence	After completing this chapter, the students shall be able to learn: • Algorithm • Flowcharts • Solving Problems Using Algorithms and Flowcharts • Mind Maps	• Create an Algorithm to Make a Peanut Butter and Jelly Sandwich • Design a Simple Algorithm for Your Morning Routine • Sorting Algorithm with Toys or Cards • Create a Simple Maze and Solve It Using Algorithms • Algorithmic Thinking with Puzzles **Let's Code** • Smart Sprites with Conditionals		
Month	Course Description	Learning Outcome	Activity	No. of Periods	Portion for PT & TERM Assessment
December	Ch. 8 – Introduction to Programming	After completing this chapter, the students shall be able to learn: • Computer Languages • Language translator • Working of Language Translators	• Write a Program to Introduce Yourself		

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January	Ch. 9 – Python	After completing this chapter, the students shall be able to learn: • Features of Python • Installing Python • Programming in Python • Input and Output • Variables in Python • Data Types • Comments in Python • Operators • Precedence of Operators • Some more programs	• Hello, World! in Python • Create Your Own Greeting Program • Basic Python Quiz Game • Create a Simple To-Do List Program • Python Quiz: True or False **Let's Code** • Let's Learn Loops!		
	Ch. 10 – Intelligence & AI Approaches	After completing this chapter, the students shall be able to learn: • Intelligence • Types of Intelligence • AI Approaches	• Exploring Human and Artificial Intelligence • AI in Everyday Life • Creating a Simple Chatbot • AI and Decision Making **Let's Code** • Looping Background Music		
February + March	Revision for Term-II Examination				

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