Class: III
Subject: Coding

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SYLLABUS			
MONTH	CHAPTER	CONTENT (Topics)	Practical/Activities
April-May	**Discover Computers (Hardware and Software)** **G-mail**	**Discover Computers** ● Types of computer ● Features ● computer hardware and software ● Input/Output, storage and processing device ● IPO cycle **G-mail** ● What is E-mail? ● Entering e-mail id and password ● Sending and Receiving e-mail	Poster making on input/output, storage, processing and IPO cycle. Write an e-mail to your friend with an attachment.
July	**Google Drawing**	**Google Drawing** ● Introduction ● Different Menus ● Different Shapes – Drawing / using pre-defined ● Insert image ● Using Text Box	Using Google Drawing, insert an image, write two lines about it using a text box and insert shapes.
August	**Google Docs**	**Google Docs** ● Components of Google doc window. How to Open a File. ● Typing in Google doc. ● Changing font & font size. ● Selection of Word, Line (using Keyboard/Mouse) ● Erasing / Deleting / Replacing Word ● Alignment of text. ● Using Spell and Grammar Check Adding Bullets/Numbers ● Sharing Google Doc ● Text color & highlight color ● Inserting images ● Using Shapes	Using Google Docs write a few lines about yourself, change text colour, style and size.
September	Revision		
October	**Google Docs** **Scratch**	**Google Docs** ● Inserting a Table ● Inserting/deleting column/row Changing column width.	Using Google Docs, insert a table, fill the

		● Fill color in the cells of the table. Applying Borders and shading. **Scratch** ● Components of a Scratch Window ● Saving/Opening a Project ● Using Scratch's built-in sprites Creating your own sprites. ● Choose backgrounds ● Create new backgrounds ● Start on Green Flag block, end block ● Drag block to scripting area. ● Connect blocks	name and marks of the students. Open scratch website, select sprites and change background.
November	**Scratch**	**Scratch** ● Exploring the application by placing blocks in the scripting area to see the character move. ● Program characters to move at different speeds ● Adding and changing backgrounds Changing the size of a sprite ● Adding movement to a sprite (Right, Left, Up, Down, Turn Clockwise, Turn Counterclockwise, Jump, Go Home) ● Using blocks. – Events / Looks/sound	Program characters to move at different speeds
December	**Scratch**	**Scratch** ● Using various blocks. – Control / Sound ● Repeat and forever blocks ● Record sounds and add them to projects ● Create speech bubbles for characters	Program characters, add sound and make sprites move forever.
January	**Internet**	**Internet** ● About Internet ● Requirements for internet connection ● Use of Internet ● Internet terms ● Advantages and disadvantages	Class discussion on Internet
February	Revision	Revision	

ASSESSMENT SYLLABUS	
MID TERM EXAM	Discover Computers (Hardware and Software) G-mail Google Drawing Google Docs
FINAL EXAMINATION	Google Docs Scratch Internet