



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Computer

CLASS - VIII

Month	Unit	Topic	Sub- Topic
April	1	Creating planes for 3d models	<ul style="list-style-type: none">• Creating a Plane
	2	Designing 3d objects	<ul style="list-style-type: none">• Drawing Walls• Drawing Stairs
	3	Working with 3d models	<ul style="list-style-type: none">• Adding Text and Colour• Downloading Models and Creating a Video
May	Revision & Pre-Mid-Term		
June	4	Creating my first video	<ul style="list-style-type: none">• Getting started with Video Editing• Developing Movie Projects• Exporting a Movie into WMV format
	5	Creating a documentary	<ul style="list-style-type: none">• Modifying a Video• Making the Video Presentable
July	6	Applying special effects	<ul style="list-style-type: none">• Visual and Audio Effects• Adding Text to Video
	7	New trends on the internet	<ul style="list-style-type: none">• Interacting on the Internet• Taking the Internet with You
	8	Programming with c++	<ul style="list-style-type: none">• Accepting User Inputs• Choosing Operations• Using User – defined Functions• Creating Arrays
August	8	Programming with c++	<ul style="list-style-type: none">• Accepting User Inputs• Choosing Operations• Using User – defined Functions• Creating Arrays
	9	Beginning with oops	<ul style="list-style-type: none">• Creating Class

September	9	Beginning with oops	<ul style="list-style-type: none"> • Creating Class
	Revision & Mid-Term		
October	10	Inheritance and function overloading	<ul style="list-style-type: none"> • Implementing Inheritance • Implementing Function Overloading
	10	Inheritance and function overloading	<ul style="list-style-type: none"> • Implementing Inheritance • Implementing Function Overloading
November	11	Using the c++ library	<ul style="list-style-type: none"> • Using Library Functions
	---	Java – a cup of coffee (basic java awareness)	<ul style="list-style-type: none"> • Introduction to OOPs Concepts • Program Creation and Execution
	---	Storing and operating on data (basic java awareness)	<ul style="list-style-type: none"> • Variables and Data Types • Types of Operators
December	---	Storing and operating on data (basic java awareness)	<ul style="list-style-type: none"> • Variables and Data Types • Types of Operators
	Revision & Post Mid-Term		
January	1	Special coverage -artificial intelligence – unit 1 - excite	<ul style="list-style-type: none"> • Introduction to AI • Human and Machine Interactions: AI based Games (based on different AI domains) • Three Domains of AI
	2	Special coverage -artificial intelligence – unit 2 - relate	<ul style="list-style-type: none"> • Video Session on Smart Cities, Smart Schools, Smart Homes • Writing Interactive Story on the floor plan of Smart School / Smart Homes by using Story Speaker extension in Google docs
February	Revision & Annual		

