CODING

<u>CLASS -VII</u> <u>2022-23</u>

Chapter	Ex./ Demo./Practicals
Student HandBook- https://cbseacademic.nic.in/web_materia l/codeingDS/classVII_Coding_Student Handbook.pdf	Project Booklet for Student - https://www.microsoft.com/en- us/makecode https://cbseacademic.nic.in/web material/codeingDS/classVII Coding Project Booklet.pdf
INTRODUCTION TO CODING	
	Practicals Based on Demo
	Activity - How do traffic lights work?
ALGORITHMS WITH BLOCK	Activity – Profit and Loss using
CODING	Flowcharts
Searching for a word in a dictionary Flowchart What is a Flowchart? Symbols used created a Flowchart Benefits of using a flowchart Activity – Profit and Loss using Flowcharts	Quiz Time Practicals Based on Demo
VARIARI ES IN REAL LIFE	
VARIABLES IN REAL EILE	
1. What are Variables? 2. Naming Variables "3. Data Types in Variables 4. Performing operations on Variables What is Variable Initialization? Data Types in programming	Activity: Addition operation using block coding
Naming Variables To Data Types in Variables Performing operations on Variables What is Variable Initialization?	, ,
Naming Variables "3. Data Types in Variables Performing operations on Variables What is Variable Initialization? Data Types in programming	, ,
Naming Variables "3. Data Types in Variables 4. Performing operations on Variables What is Variable Initialization? Data Types in programming Relational operators	, ,
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2. Naming Variables "3. Data Types in Variables 4. Performing operations on Variables What is Variable Initialization? Data Types in programming Relational operators Greater than Equal to Less than Greater than or equal to Less than or equal to Not equal to Logical Operators a. And operator b. OR operator	Practicals Based on Demo
	Student HandBook- https://cbseacademic.nic.in/web materia l/codeingDS/classVII Coding Student Handbook.pdf INTRODUCTION TO CODING How do traffic lights work? Where else do we see applications of coding? What exactly is coding? What is a programming language ALGORITHMS WITH BLOCK CODING 1. Searching for a word in a dictionary 2. Flowchart a. What is a Flowchart? b. Symbols used created a Flowchart c. Benefits of using a flowchart

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Note: The students will be assessed on the basis of the classroom performance, task assigned as Home Assignments / Holiday Homework / Project.