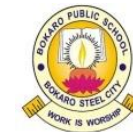




BOKARO PUBLIC SCHOOL

Affiliated to CBSE, New Delhi, Upto +2 Level
SECTOR-3/C, BOKARO STEEL CITY -827003

SYLLABUS 2025-2026



Sub Teacher: Ms. Srishti Suman

Sub: Computer Science

CLASS: 8

S. No.	Month	W/D	Lesson Structures	Activity
1	April	22	Chapter – 1 , Computer Network <ul style="list-style-type: none">- Introduction to Computer Network and its advantages- Components of a Network- Types of Computer Network- Network topology.	<ul style="list-style-type: none">- Prepare the model on the topic “Types of Computer Network”- Smart class on the topic of “Computer Network.”
2	May	7	<ul style="list-style-type: none">- Network Security Chapter – 2 , Introduction to MS Access 2016 <ul style="list-style-type: none">- Objectives of Database , Advantages of Database- Types of Database- Components of a Database- MS Access and its major components- Creating the Database , Entering the data , Saving the Database	<ul style="list-style-type: none">- Practical class on the topic “Introduction to the MS Access Software.”- Create the database and enter the data in the table.- The different types of views in the database.- Saving the database.
3	June	15	<ul style="list-style-type: none">- Saving a Merged Document Chapter – 3 , Queries, Forms and Reports in Access <ul style="list-style-type: none">- Introduction to Query- Forms and Reports in Access Chapter – 4 , Getting Started with Google Apps. <ul style="list-style-type: none">- Introduction to Google and services provided by it.	<ul style="list-style-type: none">- Create the forms in MS Access.- Create the report in MS Access- Understanding the methods to write query.- Prepare an presentation/chart paper on “The apps services provided by the Google”.
4	July	23	<ul style="list-style-type: none">- The different applications of Google. Chapter – 5 , Using Lists and Tables in HTML5 <ul style="list-style-type: none">- Introduction to Lists and List CSS Properties- Introduction to tables in HTML- Border , Table formatting in HTML- Different CSS properties of the table CSS.	<ul style="list-style-type: none">- Creating the different types of lists in HTML – ordered and unordered list.- Create the table in HTML page using the different table tags. Ex- th , tr , td , etc.

5	Aug	18	<ul style="list-style-type: none"> - Tables with empty cell , caption side property Chapter – 6 , Frames and Forms in HTML <ul style="list-style-type: none"> - Introduction to the Frames in HTML. - Its attributed and creating multiple frames. - Introduction to Forms - Form controls in the HTML Pages. 	<ul style="list-style-type: none"> - Crating the different types of Frames in HTML. - Making the forms with the help of different form control options. Such as Input Tag, Radio Buttons , Check boxes , etc.
6	Sep	9	Revision+ Half Yearly Exam	
7	Oct	12	Chapter – 7 , List , Strings and Functions in Python <ul style="list-style-type: none"> - Introduction to the List and Functions in Python - Writing the programs in python based on list and string functions. Chapter – 8 , Loops and Statements in Python <ul style="list-style-type: none"> - Introduction to cloud computing - Characteristics of cloud computing 	<ul style="list-style-type: none"> - Python programs on the “List, and Strings functions in Python”. - Writing Python Programs using user defined functions. - Python Programs on “Different types of loops” - Such as If.. elif.. else statement , For loop, the range function.
8	Nov	20	Chapter – 9 , Cybercrimes and Security <ul style="list-style-type: none"> - Introduction Cybercrimes and its types - Cyber security and ways to implement it. Chapter – 10 , Introduction to JavaScript <ul style="list-style-type: none"> - Introduction to JavaScript and its features. - Advantages and limitations and few JavaScript Programs 	<ul style="list-style-type: none"> - JavaScript programs on “statements in JavaScript”. - Implementation of JavaScript programs in the HTML pages.
9	Dec	19	Chapter – 11 , Machine Learning and Data Science <ul style="list-style-type: none"> - Understanding domains of AI. - Introduction to machine learning, data science and big data. - Applications of Data Science. 	<ul style="list-style-type: none"> - Prepare a PPT on the Application of Data Science in Daily Life.
10	Jan	17	Chapter – 12 , SDG’s using AI <ul style="list-style-type: none"> - Introduction to potential of AI and its social impact. - Meaning of sustainable development. - Understanding the challenges in achieving SDG’s using AI. 	<ul style="list-style-type: none"> - Prepare a chart paper on the SDG’s using AI.
11	Feb	15	Revision + Annual Exam	

Prescribed Book : ‘Game Changer’ by Survi Books International

Date of Submission: 05.04.2024

Teacher Name : Ms. Srishti Suman

