



# MAHARAJA AGARSAIN PUBLIC SCHOOL

## ASHOK VIHAR, DELHI

Session – 2023-24

CLASS XI : COMPUTER SCIENCE

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT/ PRACTICAL/ ENGLISH CONVERSATION / VISUAL STIMULUS	LEARNING OBJECTIVE	RESOURCES	SDG
PT1 APR-MAY) 26 May 2023 15 to 20%	DATA REPRESENTAION AND BOOLEAN LOGIC COMPUTATIONAL THINKING AND GETTING STARTED ITH PYTHON	DATA REPRESENTAION AND BOOLEAN LOGIC COMPUTATIONAL THINKING AND GETTING STARTED ITH PYTHON	PROGRAM FILE – 2 K-MAP QUESTIONS 5 BASIC PYTHON PROGRAMS	1. LEARNERS WILL BE ABLE TO DESGIN VARIOUS LOGIC GATES. 2. THEIR BASIC PROGAMMINGS KILLS WILL BE DEVELOED.	<a href="https://www.youtube.com/watch?v=3oNzkS1WYas">https://www.youtube.com/watch?v=3oNzkS1WYas</a> PowerPoint presentations	SDg- 4 Quality education
1ST TERM (JUNE- JULY) 5 July 2023 35% to 40%	PYTHON PROGRAMMING FUNDAMENTALS CONDITIONAL AND LOOPING CONTRUCTS	DATA REPRESENTAION AND BOOLEAN LOGIC COMPUTATIONAL THINKING AND GETTING STARTED ITH PYTHON PYTHON PROGRAMMING FUNDAMENTALS CONDITIONAL AND LOOPING CONTRUCTS	PROGRAM FILES – CONTAING 20 PYTHON PROGRAMS 5 – IF – ELSE 5 – LOOPS 5 – STRING 5 LISTS	1. To learn how to design and program Python applications. 2. To learn how to identify Python object types. 3. To learn how to use lists, tuples, and dictionaries in Python programs. 4. To learn how to write loops and decision statements in Python.	<a href="https://www.youtube.com/watch?v=zFvoXxeosl">https://www.youtube.com/watch?v=zFvoXxeosl</a> PowerPoint presentation	SDg- 4 Quality education
PT2 AUG) 21 Aug 2023 15 to	LISTS IN PYTHON STRINGS IN PYTHON	LISTS IN PYTHON STRINGS IN PYTHON	PROGRAM FILE – 5 PYTHON	To learn how to use indexing and slicing	<a href="https://www.youtube.com/watch?v=ajrtAuDg3yw">https://www.youtube.com/watch?v=ajrtAuDg3yw</a> Powerpoint Presentation	SDG-3, Good Health and

20%			PROGRAMS 2 – TUPLES 3 - DICTIONARY	to access data in Python programs.		well-being.
HALF EARLY (SEPT) 13 Sep 2023 60 to 70%	TUPLES AND DICTIONARY SOCIETY LAWS AND ETICS	TUPLES AND DICTIONARY SOCIETY LAWS AND ETICS				
PT3 NOV-DEC) 20 Nov 2023 15 to 20%	CYBER SAFETY EMERIGING TRENDS	CYBER SAFETY EMERIGING TRENDS PYTHON RE3VISION				SDG-3, Good Health and well-being.
PRE- FINAL (JAN 2024) 100%		<b>Total Syllabus covered during the Year</b>				
FINAL (FEB 2024) 100%		<b>Total Syllabus covered during the Year</b>				