

12TH SCIENCE (CBSE) - ENGLISH			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
April/ May	CBSE		
	Flamingo		
	Ch.1	The Last Lesson	Textual Q/Ans
	Poem:1	My Mother at sixty six	Summary and F.O.S
	Vistas		
	Ch:1	The Third Lesson	Textual Q/Ans
	Activity	Essay writing	Importance of language Role of ur mother in your life
June	W.S	Notice	Format , extra questions
	CBSE		
	Flamingo		
	Ch:2	Lost spring	Textual Q/Ans
	Ch :3	Deep Water	Textual Q/Ans
	Vistas		
	Ch 2	The Tiger King	Textual Q/Ans
	Grammar	Case Based study, Basic Gr.(Intigrated)	
July	W.S	Notice,Report	Format , extra questions
	CBSE		
	Flamingo		
	Ch-4	The Rattrap	Textual Q/Ans
	Ch 5	Indigo	Textual Q/Ans
	poem	Keeping Quiet	Summary and F.O.S
	Vistas		
	CH 3	Journey to the end of the Earth	Textual Q/Ans
	Ch 4	The Enemy	Textual Q/Ans
	Grammar		
	W.S	Report, Artical	Format , extra questions
August	Flamingo		
	Ch6	poets and Pancakes	Textual Q/Ans
	Ch-7	The Interview	Textual Q/Ans
	Grammar	Direct in direct speech	
	poem	A Thing of Beauty	Summary and F.O.S

	Vistas		
	Ch:5	On the Face of IT	
	W.S	speech	Format , extra questions
Septemb er	Flamingo		
	Ch-7	The Interview	Textual Q/Ans
	Poem	A roadside Stand	
	Vistas		
		Revision	
	Grammar		
	W.S	Discursive passage,	Revision
		Case-base study	Revision
OCT/Nov	Flamingo		
	Ch-8	Going Places	
	Poem	Aunt Jennifer's Tiger	
	Vistas		
	Ch :8	Memories of Childhood	Textual Q/Ans
	Grammar		
	W.S	Discursive passage,	
DEC		Revision	Format , extra questions

12TH SCIENCE (CBSE) COMPUTER

MONTH	UNIT NO.	UNIT NAME	TOPIC NAME	TOPIC COVERED
APRIL	1	Computational Thinking and Programming II	11th Revision [Chapter 1 and 2 Sumita Arora]	Python Tour I and II - Python concepts covered in 11th std.

JUNE			Functions in Python [Chapter 3 and 4 - Sumita Arora]	Types of function: Built-in functions/modules and User defined functions. functions defined in module, creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable
JULY/ AUGUST			Exception Handling in Python [Chapter 6 - Sumita Arora]	Introduction to Exception Handling Handling exceptions using try-except-finally blocks
			File Handling in Python [Chapter 5 - Sumita Arora]	Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file CSV file: import csv module, open / close csv file, write into a csv file using writer(),writerow(),writerows() and read from a csv file using reader()
			Data Structure [Chapter 7 - Sumita Arora]	Stack , Operations on Stack (Push & pop) Implementation of Stack using List
			Computer Networks I [Chapter 8 - Sumita Arora]	Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET) Data communication terminologies: concept of communication, components of data communication (sender,receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
OCTOBER	2	Computer Networks		

				Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)
			Computer Networks II [Chapter 9 - Sumita Arora]	Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)
				Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
				Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP
				Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting
SEPTEMBER 3		Database Management	Database Concepts [Chapter 10 - Sumita Arora]	Database concepts: introduction to database concepts and its need
				Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)
			Structured Query Language [Chapter 11, 12 and 13 - Sumita Arora]	Introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join
			Python with an SQL database [Chapter 14 - Sumita Arora]	Connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity

				applications, use of %s format specifier or format() to perform queries
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12TH COMMERCE (CBSE) Physical Education			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
June	1	Management of sporting events	Functions of sports events management
			Various committees and their responsibilities
			Fixture and their procedures
			Intramural and extramural tournaments
			Community sports program
	2	Children and women in sports	Exercise guidelines for different age groups
			Common postural deformities
			Women participation in sports
			Female Athlete triad
July	3	Yoga as preventive measure for lifestyle	Obesity, Back pain
			Diabetes
			Asthma
			Hypertension
August	4	P.E and sports for CWSN	Organizations promoting disability sports
			Classification and Divisioning in sports
			Advantages of physical activities
	5	Sports and Nutrition	Concept of balance diet and nutrition
			Macro and Micro nutrition
			Eating for weight control
	6	Test and measurement in sports	Fitness test
			Measurement cardio fitness
			Basal metabolic rate
			Senior citizen fitness test
September	7	Physiology and injuries in sports	Muscular system
			Respiratory system
			Physiology changes due to aging
			Sports injuries
			Physiology factors determining components
	8	Biomechanics and Sports	Newton law of motion
			Types of levers
			Equilibrium

			Friction and sports
			Projectile in sports
			Personality
			Motivation
			Aggressions
	9	Psychology and sports	Psychological attributes in sports
			Talent identification
			Sports training
			Strength,Endurance,Speed
			Flexibility and Coordinative ability
October	10	Training in sports	Circuit Training

12TH Com (CBSE) - Maths			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
JUN		- Chapter 1 (Relations and functions)	
		- Chapter 2 (Inverse trigonometric functions)	
	Chapter 1,2,3,4,	- Chapter 3 (Matrices)	
		- Chapter 4 (Determinants)	
July	Chapter 5	- Chapter 5 (Continuity and differentiability)	
aug	Chapter 6	- Chapter 6 (Application of derivatives)	
sep	Chapter 7	- Chapter 7 (Integrals)	
		- Chapter 8 (Application of integrals)	
Oct	Chapter 8, 10, 11	- chapter 10 (Vector algebra)	
		- chapter 11 (Three dimensional geometry)	
	Chapter 9, 13	- Chapter 9 (Differential equation s)	
November		- chapter 13 (Probability)	
December			
January			
February	Revision	Revision and Mock test	

12TH Com (CBSE) - Physics			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
		- Chapter 1 (Electric Charges and Field)	
June	Chapter 1, 2	- Chapter 2 (Electrostatic Potential and Capacitance)	
July	Chapter 3	- Chapter 3 (Current Electricity)	
		- Chapter 4 (Moving Charges and Magnetism)	
August	Chapter 4, 5	- Chapter 5 (Magnetism and Matter)	
September	Chapter 6, 7, 8	- Chapter 6 (Electromagnetic Induction)	

		- Chapter 7 (Alternating Currents)	
		- Chapter 8 (Electromagnetic Waves)	
		- Chapter 11 (Dual Nature of Radiation and Matter)	
		- Chapter 12 (Atoms)	
		- Chapter 13 (Nuclei)	
		- Chapter 14 (Semiconductors)	
October	Chapter 11, 12, 13, 14		
November	Chapter 9	- Chapter 9 (Ray Optics)	
December	Chapter 10	- Chapter 10 (Wave Optics)	
January			
February	Revision	Revision and Mock test	

12TH Com (CBSE) - Chemistry			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
		- Chapter 1 (Solutions)	
June	Chapter 1, 6	- Chapter 6 (Haloalkanes and Haloarenes)	
July	Chapter 7	- Chapter 7 (Alcohol, Phenol and Ether)	
		- Chapter 2 (Electrochemistry)	
August	Chapter 2, 3	- Chapter 3 (Chemical Kinetics)	
		- Chapter 8 (Aldehyde, Ketone and Carboxylic Acids)	
September	Chapter 8		
		- Chapter 9 (Amines)	
October	Chapter 9, 4	- chapter 4 (d and f block)	
November	Chapter 5	- Chapter 5 (Coordination chemistry)	
December	Chapter 10	- chapter-10 (biomolecules)	
January			
February	Revision	Revision and Mock test	

12TH Science (CBSE) - Biology			
MONTH	CHAPTER NO.	CHAPTER NAME	TOPIC COVERED
		Chapter 1 – Sexual Reproduction in Flowering Plants	
		Chapter 2 – Human Reproduction	
June	Chapter 1, 2, 3	Chapter 3 – Reproductive Health	
		Chapter 4 – Principles of Inheritance and Variation	
June	Chapter 4, 5	Chapter 5 – Molecular Basis of Inheritance	
		Chapter 6 – Evolution	
		Chapter 7 – Human Health and Disease	
August	Chapter 6, 7, 8	Chapter 8 – Microbes in Human Welfare	
September	Chapter 9, 10	Chapter 9 – Biotechnology: Principles and Processes	
		Chapter 10 – Biotechnology and its Applications	
		Chapter 11 – Organisms and Populations	
		Chapter 12 – Ecosystem	
		Chapter 13 – Biodiversity and Conservation	
October	Chapter 11, 12, 13		

November	Revision	Revision and Mock test	
December			
January			