ESTD:- 2013

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R.M PUBLIC SCHOOL

(CBSE AFFILIATION NO. 730072)
SESSION – 2024-25

PA-2 & TERM-2 SYLLABUS OF CLASS 12th   SCIENCE

SUBJECT:- ENGLISH

ASSESSMENT	MONTHS	DAYS	CONTENT	ACTIVITIES
Pre board -1	Oct (23)	5	Memories of childhood	**Open Discussion**
		5	Poet and Pancake	
		5	The Interview	**Extempore**
		7	Going Places	
		1	Flip Learning	
	Nov(7)	7	Revision of pre board 1 syllabus	
Pre board-2	Dec(6)	6	Revision of complete syllabus	
Pre board-3	Jan (15)	15	Revision of complete syllabus	

SUBJECT:- BIOLOGY

ASSESSMENT	MONTHS	Days	CONTENT	ACTIVITIES
Pre board-1	October (23)	5	Ch- Biotechnology Principle and it's processes	**Make a chart (with diagrammatic representation) Showing a restriction enzymes, the substrate DNA on which it acts, the site at which it cuts DNA and the product it produces.**
		5	Ch- Biotechnology and it's application	
		4	Ch-Organisms and populations	
		1	Flip Learning	
		4	Ch- Ecosystem	
		4	Ch-Biodiversity and conservation	**Project work a) Human Genome project b) Drugs c) Cancer d) Biodiversity and conservation**
	Nov(7)	7	Revision of pre board 1 syllabus	
Pre board-2	Dec(6)	6	Revision of Complete syllabus	
Pre board-3	Jan(15)	15	Revision of complete syllabus.	

SUBJECT:- CHEMISTRY

ASSESSMENT	MONTH	Days	CONTENT	ACTIVITIES
Pre board-1	October (23)	9	Chapter: Aldehydes , ketones and carboxylic acids	**Volumetric titration.**
		7	Chapter: Amines and diazonium salts	**Detection of functional group.**
		1	Flip Learning	**Salt analysis**
		6	Chapter: Biomolecules	
	Nov(7)	7	Revision of Pre board 1	
Pre board-2	Dec(6)	6	Revision of whole syllabus	
Pre board-3	Jan(15)	15	Revision of whole syllabus	

SUBJECT:- PHYSICS

ASSESSMENT	MONTHS	Days	CONTENT	ACTIVITIES
Pre-board-1	October (23)	6	Ray optics +Wave optics	**To find the value of v for different values of u in case of a concave mirror and to find the focal length.**
		6	Dual nature of radiation and matter	
		5	Atoms and nuclei	
		5	Semiconductor Electronics: Materials, Devices, and Simple Circuits	

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		1	Flip Learning	
	Nov(7)	7	Revision of Pre - board 1 syllabus	==To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.==
Pre-board-2	Dec(6)	6	Revision of complete syllabus.	==To determine refractive index of a glass slab using a travelling microscope==
Pre – board-3	Jan(15)	15	Revision of complete syllabus.	

SUBJECT:- MATHEMATICS

ASSESSMENT	MONTHS	DAYS	CONTENT	ACTIVITIES
Preboard–1	October (23)	2	Ch- Application of integrals	==To find area under sine curve from x=0 to x= 2π==
		5	Ch- Differential equations	
		1	Flip Learning	
		5	Ch- Vector algebra	==To find area under cosine curve from x=0 to x= 2π==
		4	Ch- Three diment geometry	
		2	Ch-Linear Programming	
		4	Ch- Probability	

	Nov(7)	7	Revision of full syllabus (Pre board 1 syllabus)	Board test
Pre-board-2	Dec(6)	6	Revision of whole syllabus	
Pre-board-3	Jan(15)	15	Revision of whole syllabus	

SUBJECT:- PHE

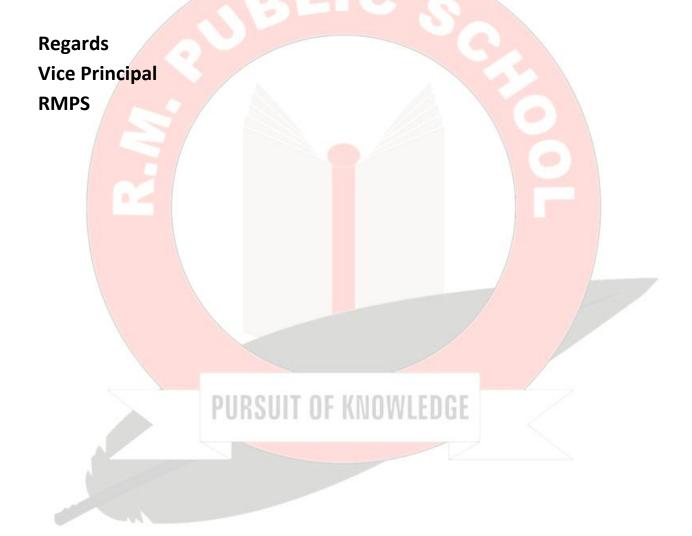| ASSESSMENT	MONTHS	DAYS	CONTENT	ACTIVITIES
Pre-board-1	October (23)	6 1 8 7	Biomechanics and sports Flip Learning Psychology in sport Training in sports	**Children develop habits that keep body healthy and safe** **How to develop children personality** **Children develop how to maintain physical fitness**
	November (7)	7	Revision of full syllabus (Preboard 1 syllabus	
Pre-board-2	December (6)	6	Revision of whole syllabus	
Pre-board-3	January (15)	15	Revision of whole syllabus	

SUBJECT:- Computer science

ASSESSMENT	MONTHS	DAYS	CONTENT	ACTIVITIES
Pre-board–1	October (23)	8	1.Relation of database and sql	<mark>**Core concepts through hands-on tasks such as coding challenges, project-based work, collaborative problem-solving, and real-life case studies, fostering a deeper understanding of topics like data structures, algorithms, and database management systems.**</mark>
		9	2.Interface python with sql	
		1	Flip learning	
		5	3.Computer networks	
				<mark>**Project file**</mark>
	Nov(7)	7	Revision of Pre board 1 syllabus	<mark>**Board test**</mark>
Pre-board-2	Dec(6)	6	Revision of whole syllabus	

Pre board-3	Jan (15)	15	Revision of whole syllabus	

Note:

- ➢ **According to the dairies schedule, weekly tests will be conducted every week.**
- ➢ **The highlighted activities will be attached to the Portfolio of the students.**

Regards
Vice Principal
RMPS