

THE WISDOM GLOBAL SCHOOL

SYLLABUS BIFURCATION

GRADE 9

SUBJECT:- CHEMISTRY

NAME OF BOOK: S. CHAND CHEMISTRY

YEAR 2024-25

NAME OF THE TEACHER:- MR. GUNJIT CHAUHAN

S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY	MATERIAL REQUIRED (IF ANY)	ANIMATED VIDEO LINK	CHARTS
1	S. CHAND CHEMISTRY	APRIL	1	MATTERS IN OUR SURROUNDINGS	MATTER AND ITS CHARACTERISTICS	3	MATTER IS MADE UP OF PARTICLES. AND ESTIMATING HOW SMALL ARE THE PARTICLES OF MATTER		https://video.wixstatic.com/video/f29914_3ba04f07e379498a9c1ef562820bb90b/720p/mp4/file.mp4	
2		APRIL			CLASSIFICATION AND PROPERTIES OF MATTER AS SOLIDS LIQUIDS AND GASES	3	HOW WILL YOU SHOW AND COMPARE THE COMPRESSIBILITY OF GASES AND LIQUIDS?	SYRINGE		YES
3		APRIL			DIFFUSION	1				
4		APRIL			CHANGE OF STATE OF MATTER	2	TO SHOW THE CONVERSION OF STATE OF MATTER.			
5		MAY			LATENT HEAT	2				
6		MAY			FACTOR AFFECTING EVAPORATION	2	HOW DOES THE RATE OF EVAPORATION OF DIFFERENT LIQUIDS DIFFER?			
7		MAY			TEST	1				
8		MAY	2	IS MATTER AROUND US PURE	ELEMENTS, COMPOUNDS AND MIXTURES	3	HOW TO DIFFERENTIATE BETWEEN A MIXTURE AND A COMPOUND?		https://video.wixstatic.com/video/f29914_025ba1d0f465412fa86f822db6e681bf/720p/mp4/file.mp4	
9		MAY			HOMOGENOUS AND HETEROGENOUS MIXTURES	2	HOW TO PREPARE AND IDENTIFY A HOMOGENOUS MIXTURE AND A HETEROGENOUS MIXTURE?			

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10		JUNE			SOLUTIONS	2	HOW TO PREPARE THE SATURATED SOLUTION OF COMMON SALT IN DISTILLED WATER?			
11		JUNE			SUSPENSION	2				
12		JULY			COLLOIDS	4	HOW TO DIFFERENTIATE BETWEEN A HOMOGENOUS SOLUTION, COLLOIDAL SOLUTION AND SUSPENSION ON THE BASIS OF TRANSPARENCY, FILTRATION AND TYNDAL EFFECT?		https://video.wixstatic.com/video/f29914_3ef7858f6cb441f197b017f4cb482c11/720p/mp4/file.mp4	
13		JULY			CONCENTRATION OF SOLUTION,	3	HOW TO PREPARE A SOLUTION OF COMMON SALT OF 10 PER CENT COMPOSITION BY VOLUME?			
14		JULY			PHYSICAL AND CHEMICAL CHANGES	2				
15		JULY			SEPERATION TECHNIQUES	5	HOW TO SEPARATE THE COMPONENTS OF A MIXTURE CONTAINING SAND, COMMON SALT AND CAMPHOR? AND HOW TO SEPARATE A MIXTURE OF TWO IMMISCIBLE LIQUIDS?		https://video.wixstatic.com/video/f29914_c7ef42e0da034bbd88f3013c8ef66c42/720p/mp4/file.mp4	

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16		AUGUST			TEST	1				
17		AUGUST	3	ATOMS AND MOLECULES	LAWS OF CHEMICAL COMBINATION	4	HOW TO VERIFY THE LAW OF CONSERVATION OF MASS IN A CHEMICAL REACTION?		https://video.wixstatic.com/video/f29914_a8e3e2e25c0f41c59cf61d032911c7ef/720p/mp4/file.mp4	
18		AUGUST			ATOMS AND SYMBOLS OF ELEMENTS	2				
19		AUGUST			CHEMICAL FORMULAE	3				
MID TERM ASSESSMENT										
20	S. CHAND CHEMISTRY	SEPTEMBER	3	ATOMS AND MOLECULES	IONS AND IONIC COMPOUNDS	2			https://video.wixstatic.com/video/f29914_eec41b095135430cabe72373b6a7064b/720p/mp4/file.mp4	
21		OCTOBER			MOLE CONCEPT	4				YES
22		OCTOBER			EMPIRICAL AND MOLECULAR FORMULA	2				
23		OCTOBER			TEST/REVISION	4				
24		NOVEMBER	4	STRUCTURE OF ATOM	SUBATOMIC PARTICLES	5			https://video.wixstatic.com/video/f29914_ee9b805627d74e7aad0decac67054e69/720p/mp4/file.mp4	
25		NOVEMBER			THOMSON'S MODEL	2				YES
26		DECEMBER			RUTHEFORD'S MODEL	3				YES
27		DECEMBER			BOHR'S MODEL	4	TO BUILD STATIC MODEL OF ELECTRON DISTRIBUTION IN ATOMS IN DIFFERENT ORBITS OF FIRST EIGHTEEN ATOMS?	WIRE, BEADS, CARD BOARD, DRAWING PINS		YES
28		DECEMBER			ELECTRNIC CONFIGURATION OF ELEMENTS	2				
29		JANUARY			VALENCY OF ELEMENTS	2				YES
30		JANUARY			ISOTOPES, RADIOACTIVE ISOTOPES AND ISOBARS	3				YES
31		FEBRUARY			TEST/REVISION	10				
FINAL ASSESSMENT										