

NAME OF THE DEPARTMENT: SCIENCE														SYLLABUS BREAK UP 2021-22 -AJI													
Name of the Subject Teacher:- Parvathy Anish														Grade:- 10													
MONTH	WEEK	Unit/Section	No of Periods	Topic Break Down / for Periods/Learning objectives / progression	Learning Outcomes/ Skills acquired	Activities (Formative assessment tasks, projects, Visits) INCLUDING	Teaching Aids / Reference/ Resources	Competencies and Values	MY IDENTITY	Cross curricular link	Art Integration	Artificial Intelligence	Critical Tinking Questions- Descriptive	Critical Thinking Questions- Objective-													
April	4	Chemical reactions and equations		To define a chemical reaction and to compare a To compare the different types of chemical reactions- To compare the different types of chemical reactions- To compare a redox reaction and rancidity.	To list out the steps taking place in a chemical To compare the properties of combination and To compare the properties of decomposition and	To observe the To observe the process	water,electrodes,batte copper sulphate	.Honesty		Chemistry		https://games.legendsoflearn.com https://games.legendsoflearn.com https://games.legendsoflearn.com	1. What is a redox reaction?	1. The chemical formula of lead sulphate is													
May	4	Acid,Bases and salts		To compare the properties of acids and bases Reactions taking place with acids and bases To list the importance of Ph in everyday life To compare the properties of different types of salts	To list the properties of acids and bases To explain the reactions of acids and bases To list the importances of acids and bases in our To explain the preparation of different salts	To observe the reaction	test tube,zinc	.Respect		Math	Visual art		proof container?	(a) Lemon juice (b) Tomatoes (c) Milk (d) All													
June	4			15th June- 24th June- PA: 1																							
July		SUMMER VACATION																									
August																											
September	4	Metals and Non-metals		To compare the properties of metals and non-metals To compare the chemical properties of metals and To explain the reactivity series To explain about the extraction of metals	To list the properties of metals and non metals To explain about reactivity seires To explain the extraction of metals	To observe the process	copper sulphate	.Honesty	Culture			https://games.legendsoflearn.com Mine Craft	1. A metal 'X' loses two electrons and a non-	1. Which of the following metals is present in the													
October	4	Carbon and its compounds		To explain the bonding in carbon and the nature of To compare a saturated and unsaturated compounds To compare the chemical properties of carbon To compare the properties of soap and detergents.	To explain the bonding in carbon To list the properties of saurated and unsaturated To define a homologous series	Reaction of ethanol	ethanol,sodium				Preparation of soap		1. Name two allotrapes of carbon.	1. The isomeric pair is													
November	4	Periodic classification of elements		To compare the concept made by periodic table by To compare mendelev and modern periodic table To compare the trend in the modern periodic table.	To compare the advantages and limitation made To list the properties of modern and medeleev To list out the trnds in the modern periodic tables	Formation on micelles	soap,cloth,water				Visual Art	https://games.legendsoflearn.com	1. On what basis did Mendeleev classified the	1. 14 elements after actinium is called													
December	2	PRE BOARD-1 5th Dec- 14th December																									
January	4	WINTER VACATION																									
February	4	REVISION																									
March		BOARD EXAMINATION																									