

Chemistry [CLASS X CURRICULUM] 2020-2021

P T 1	P T - 2	H E	P B	MO NTH	NO. OF DA YS	CHAP. NAME	Topic	LEARNING OBJECTIVE	Subject Enrichm ent Activity	Experienti al learning
13		08	04	March	4	ch-1 Chemical Reactions And Equations	<ul style="list-style-type: none"> ❖ Writing a chemical equation ❖ Types of chemical reactions equations ❖ Combination, decomposition and displacement 	to learn chemical equations, balancing of chemical eqn. identify different type of chemical equation in a given set.	(Combination Displacement, Decomposition Oxidation reaction) To study different Reaction.	students will be able to explain which type of reaction takes place in photosynthesis, respiration, corrosion, combustion?

				April		<p>Chemical Reactions and Equations</p> <ul style="list-style-type: none"> ❖ Precipitation Rxⁿ ❖ Neutralization Rxⁿ Oxidation and Reduction ❖ Corrosion And Rancidity ❖ NCERT intext question and exercise work 	<p>to explain precipitation rxn and colour of precipitate.</p> <p>to explain the neutralization rxn.</p> <p>to explain oxidation and reduction</p> <p>to explain corrosion and rancidity.</p> <p>cause and prevention of corrosion and rancidity.</p>	<p>To study different types of Rxns Neutralization, precipitation.</p> <p>formation of copper sulphate.</p>	<p>students will be able to know how iron gets corroded, copper starts tarnishing when placed in the atmosphere?</p> <p>students will be able to know Why has the taste of food changed after some time? and how they can prevent this</p>
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	13	09	03	May	6	Chapter-2 Acid, Base And Salt	<ul style="list-style-type: none"> ❖ acid, Base & Salt –in terms of H^+ and OH^- ions ❖ Concept of pH scale and uses ❖ family of salt and nature of salt ❖ Preparation of sodium hydroxide, bleaching powder, baking soda, washing soda, plaster of paris 	<p>Define acid ,base and their characteristics.</p> <p>learn about indicators and their uses .</p> <p>define pH and its uses.</p>	<p>Finding the pH of the following samples</p> <p>Lemon juice, NaOH, Water etc.</p> <p>students will make their self indicator at home to check the pH of soap and baking soda.</p>	<p>students will be able to find remedies for acidity and basicity at their home.</p> <p>students will be able to know why pH should be balanced of stomach, blood, soil and water and learn how they can maintain this.</p> <p>students will be able to form baking powder from baking soda</p>
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		09	06	JULY	7	Chapter-3 Metals and Non-Metals	<ul style="list-style-type: none"> ❖ General Properties of Metals And non-Metals, Reactivity Series. Ionic compounds, formation and properties. 	<p>Define chemical and physical properties of metal and non metal</p> <p>learn the reactivity order of metals</p>	Chemical Reactions between different compounds (Reactivity Series)	<p>Why is zinc used in galvanisation of iron and not copper?</p> <p>Why metals above the Cu element in the reactivity series can not be placed in Cu containers ?</p>
				AUGUST	3	Chapter -3 Metals and Non-metals	<ul style="list-style-type: none"> ❖ Minerals and ores ❖ Basic metallurgical process ❖ NCERT in text ques. and exercise 	<p>explain the refining of metals from their ores .</p> <p>explain roasting & calcination and its importance in metallurgical processes.</p>		<p>students will be able to explain why are some oxides reduced directly on heating while some are reduced by using reducing agents?</p>

						<p>Chapter -4</p> <p>Carbon And its compounds</p>	<ul style="list-style-type: none"> ❖ Versatile nature of carbon ❖ Covalent bonding in carbon compounds Allotropic forms. Nomenclature of carbon compounds containing functional groups Saturated and unsaturated Hydrocarbon 	<p>able to understand the versatile nature of carbon.</p> <p>explain the covalent bond with example.</p> <p>differentiate saturated and unsaturated hydrocarbons.</p>	<p>Test for saturated and Unsaturated hydrocarbons</p>	<p>students will be able to learn why saturated hydrocarbons are bad for health</p> <p>and which hydrocarbons they should take</p>
				SEPT EMB ER		REVISION AND EXAM				

			08	OCTOBER	5	Carbon And Its compounds	<ul style="list-style-type: none"> ❖ Chemical properties of carbon ❖ chemical properties of ethanol and ethanoic acid ❖ Soaps and detergents ❖ Name reactions ❖ N.C.E.R.T intext questions and exercise work 	<p>Able to learn chemical reaction of ethanol and ethanoic acid</p> <p>to learn the preparation of soaps and detergents</p>	<ul style="list-style-type: none"> ❖ Study of following properties of acetic acid in odour, effect on litmus paper 	<ul style="list-style-type: none"> ❖ able to explain the difference between ethanol and ethanoic acid and how ethanol can be converted into ethanoic acid
			05	NOVEMBER	5	Periodic classification of elements	<ul style="list-style-type: none"> ❖ Need for classification early attempts ❖ Gradation in properties ❖ Mendeleev's periodic Table ❖ Modern Periodic Table ❖ Groups and Periods and the variation ❖ N.C.E.R.T in text questions and exercise work 	<p>able to write the gradation in properties like valency size, atomic number,</p> <p>explain modern and mendleev's periodic table</p>	<ul style="list-style-type: none"> ❖ Study of the comparative cleaning capacity of a sample of soap in soft and hard water 	<ul style="list-style-type: none"> ❖

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माह एवं दिवस	पुस्तक का नाम	करण अधिमान	प्रकरण का नाम एवं दिवस	उद्देश्य	शिक्षण-परिणाम	विषय-संवर्धन गतिविधियां
मार्च दिवस-	क्षितिज गद्य	P1-10अंक H----- A-----	10-नेताजी का चश्मा दिवस-6	देश की महान विभूतियों के प्रति सम्मान की भावना का विकास।	देश-प्रेम, आलोचनात्मक चिंतन, प्रत्यास्मरण, अर्थ व भाव ग्रहण।	सुभाष चंद्र बोस-एक व्यक्तित्व(आलेख-लेखन)
	क्षितिज काव्य	P1-10अंक. H----- A-----	1-सूर के पद दिवस-6	1-ब्रज साहित्य का बोध, 2-निर्गुण व सगुण भक्ति धारा का ज्ञान। 3-राज धर्म व अनन्य भक्ति का बोध।	अर्थ व भाव ग्रहण, तार्किकता, प्रत्यास्मरण	पदों का वाचन एवं व्याख्या।
	कृतिका	P1-6अंक H----- A-----	1-माता का अंचल दिवस-6	1-मां के अनन्य प्रेम का बोध। 2-30 के दशक के जीवन को जानेंगे।	आलोचनात्मक चिंतन, अभिव्यक्ति की मौलिकता एवं जीवन मूल्यों का बोध	जीवन में माता-पिता के महत्व पर अनुच्छेद-लेखन कार्य करेंगे।
	व्याकरण	P1-4अंक. H- 4अंक A- 4अंक	पद-परिचय दिवस-10	1-विकारी व अविकारी पदों को जानेंगे। 2-वाक्य के अनुसार पद की सही पहचान जानेंगे।	व्याकरणिक-कौशल-वृद्धि।	पद-परिचयपर पंजिका तैयार करेंगे।
	व्याकरण	P1-10अंक H- 10अंक A- 10अंक	निबंध-लेखन दिवस- 3	विचार-अभिव्यक्ति एवं लेखन-कौशल-वृद्धि	रचनात्मक कौशल-वृद्धि, अपने मत की अभिव्यक्ति।	निबंध-लेखन कार्य करेंगे।

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अप्रैल दिवस- 21	क्षितिज गद्य	P2-5 अंक H- A-	11- बालगोबिन भगत दिवस-6	1-ईश्वर के प्रति आस्था 2-रूढ़िवादी परंपराओं का बोध। 3-नश्वर संसार के प्रति निर्लिप्तता।	अभिव्यक्ति की मौलिकता एवं जीवन मूल्यों का बोध।	'बालगोबिन भगत 'पाठ का सारांश- लेखन कार्य करेंगे।
	क्षितिज काव्य	P2-6 अंक H- A-	2- राम- लक्ष्मण परशुराम संवाद दिवस- 8	1-राममार्गी भक्ति धारा का ज्ञान। 2-साहस,शक्ति के साथ विनयशीलता के महत्व को जानेंगे।	अर्थ ग्रहण, त्यास्मरण, जीवन मूल्यों का बोध, प्रयोग एवं विश्लेषण	प्रकरण के अनुसार संवाद- लेखन कार्य करेंगे।
	व्याकरण	P2-4अंक H- A-	वाक्य-विचार दिवस-7	वाक्य संश्लेषण एवं विश्लेषण करना जानेंगे।	व्याकरणिक-संरचनाओं का बोध और प्रयोग एवं विश्लेषण।	वाक्य-विचारपर कार्य प्रपत्र-कार्य करेंगे।
मई दिवस- 19	क्षितिज गद्य	P2- 4अंक H- A-	12-लखनवी अंदाज दिवस-4	1-दिखावटी-जीवन पद्धति से बचने की प्रेरणा लेंगे। 2-अन्य भाषाओं के चलित शब्दों का ज्ञान होगा।	आलोचनात्मक चिंतन, कल्पनाशीलता,तार्किकता	बनाबटी जीवन-शैली पर आलेख-लेखन।
	क्षितिज काव्य	P2 -6अंक H- A-	5-उत्साह अट नहीं रही है दिवस-4	1-षट्ऋतु ज्ञान। 2-छंद-मुक्त काव्य का ज्ञान। 3-काव्य-सौंदर्य बोध।	सरस काव्य, अभिव्यक्ति की मौलिकता,अर्थ और भाव ग्रहण।	'वसंत ऋतु' पर निबंध लेखन कार्य करेंगे।

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	कृतिका	P2- 6अंक H- A-	जार्ज पंचम की नाक दिवस-7	1-सरकारी-तंत्र की उपेक्षित कार्य-शैली का बोध। 2-दायित्व विहीन पत्रकारिता का बोध।	आलोचना एवं समालोचना साम्यता व अंतरों की पहचान ।	सरकारी-तंत्र की कार्य शैली एवं पत्रकारिता पर निबंध लेखन कार्य करेंगे।
	व्याकरण	P2- 4अंक H- A-	वाच्य दिवस -2	1-वाच्य को भेदों सहित जानेंगे। 2-वाच्य परिवर्तन जानेंगे।	व्याकरणिक-संरचनाओं का बोध और प्रयोग एवं विश्लेषण।	वाच्य पर प्रपत्र-कार्य करेंगे।
	व्याकरण	P2- 5अंक H- A-	पत्र-लेखन दिवस-2	विचार अभिव्यक्ति एवं लेखन-शैली जानेंगे।	अपने मत की अभिव्यक्ति एवं प्रारूप का प्रयोग।	पत्र-लेखन कार्य करेंगे।
जुलाई दिवस- 19	क्षितिज गद्य	H- A-	13-मानवीय करुणा की दिव्य चमक दिवस- 6	मानवीय मूल्यों का बोध,रा भाषा के प्रति सम्मान की भावना का विकास।	अभिव्यक्ति की मौलिकता एवं जीवन मूल्यों का बोध।	'फादर कामिल बुल्के'का जीवन-वृत्त लिखेंगे।
	क्षितिज काव्य	H- A-	6-यह दंतुरित मुस्कान फसल दिवस-5	वात्सल्य-भाव-बोध, सहयोग एवं गरिमा की भावना का विकास।	प्रत्यास्मरण,अर्थ व भाव ग्रहण,अभिव्यक्ति की मौलिकता।	'फसल' पर अनुच्छेद- लेखन कार्य करेंगे।
	व्याकरण	P3-5अंक H, A,	विज्ञापन- लेखन दिवस-4	रचनात्मक कौशल- वृद्धि	अभिव्यक्ति की मौलिकता	विज्ञापन-लेखनकार्य करेंगे।
	व्याकरण	H- A-	अपठित - गद्यांश	शब्द-ज्ञान विचार अभिव्यक्ति को	अवधारणा बोध शब्द कोश-वृद्धि	अपठित गद्यांश अभ्यास कार्य करेंगे।

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			दिवस-4	जानेंगे।		
अगस्त दिवस- 20	क्षितिज गद्य	H- A-	14-एक कहानी यह भी दिवस-5	मानव-जीवन के विकास में बचपन के प्रभाव को जानेंगे।	आलोचनात्मक चिंतन, अभिव्यक्ति की मौलिकता	मन्नू भंडारी का जीवन-वृत्त लेखन कार्य करेंगे।
	क्षितिज काव्य	H- A-	7-छाया मत छूना दिवस-3	अतीत की यादें दुख का कारण को जानेंगे। जीवन के यथार्थ को जानेंगे।	अभिव्यक्ति की मौलिकता एवं जीवन मूल्यों का बोध	'वास्तविक सुख क्या है'पर अनुच्छेद लेखन कार्य करेंगे।
	कृतिका	H- A-	3-साना-साना हाथ जोड़ें दिवस-6	1-प्रकृति के महत्व एवं प्राकृतिक सौन्दर्य का बोध होगा। 2-जीवन की विषमताओं का बोध।	प्रकृति-प्रेम, सृजनात्मक- चिंतन,मौलिकता,साम्यता व अंतरों की पहचान।	'साना-साना हाथ जोड़ें' पाठ का सारांश लेखन कार्य करेंगे।
	व्याकरण	P3-8अंक H- A-	रस दिवस-6	1-काव्य के भाव पक्ष का बोध। 2-सरस काव्य के मर्म को जानेंगे।	काव्य-सौंदर्य बोध,	'रस'पर पंजिका तैयार करेंगे।
सितम्बर			पुनरावृत्ति एवं परीक्षा कार्यक्रम			
अक्टूबर दिवस - 24	क्षितिज गद्य	P3-6अंक H-	16- नौबतखाने में इबादत	1-लक्ष्य प्राप्ति के साधन का बोध। 2-संगीत वाद्य यंत्र	विचार अभिव्यक्ति की। मौलिकता एवं जीवन मूल्यों का बोध ।	बिस्मिल्ला खां का जीवन-वृत्त लेखन कार्य करेंगे।

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		A-	दिवस-6	एवं वाद्य- कलाकारों को जानेंगे।		
क्षितिज काव्य	P3- 5अंक. H- A-	8-कन्यादान दिवस-4	1-आत्मबल संवर्धन। 2- कुप्रथाओं के विरुद्ध आवाज़ उठाने की प्रेरणा।	विचार अभिव्यक्ति की मौलिकता,साम्यता एवं अंतरों की पहचान।	'दहेज़ प्रथा' पर वाद- विवाद प्रतियोगिता।	
क्षितिज काव्य	P3-6अंक. H- A-	9-संगतकार दिवस-4	1-सहयोग की भावना का विकास। 2-मानवता की भावना का विकास।	अभिव्यक्ति की मौलिकता एवं जीवन मूल्यों का बोध एवं विश्लेषण।	'शीर्षस्थ व्यक्तियों के जीवन निर्माण में अन्य लोगों की भूमिका' पर आलेख लेखन कार्य करेंगे।	
व्याकरण	P3- 10अंक. H- A-	निबंध-लेखन दिवस-4	रचनात्मक कौशल- वृद्धि	अभिव्यक्ति की मौलिकता	निबंध-लेखन कार्य करेंगे।	
व्याकरण	H- A-	पत्र-लेखन दिवस-4	रचनात्मक कौशल- वृद्धि	अभिव्यक्ति की मौलिकता	पत्र-लेखन कार्य करेंगे।	
व्याकरण	P3- 5अंक. H- A-	विज्ञापन लेखन दिवस-2	रचनात्मक कौशल- वृद्धि	अभिव्यक्ति की मौलिकता	विज्ञापन तैयार करेंगे।	

Month	Days/ Periods	Weightage	Topic	Learning Objective	Learning Outcome	Activities
April	12	8 Marks	Unit-7 Database Development Unit-1 Communication Skills (S1-S3)	<ul style="list-style-type: none"> ● They will understand Database, DBMS software and Database Concepts. ● They will understand about Data storage and manipulating Data. ● They will understand about creating a table and building forms. ● They will understand about create and manage queries and designing a reports. ● They will understand the importance of communication. ● They will understand and differentiate between different methods of communication. 	<ul style="list-style-type: none"> ● Students have learnt about Database, DBMS software and Database Concepts. ● Students have learnt about Data storage and manipulating Data. ● Students have learnt about creating a table and building forms. ● Students have learnt about create and manage queries and designing a reports. ● Students have learnt about the importance of communication. ● Students have learnt about differentiate between different methods of communication. 	<ul style="list-style-type: none"> ● Create an application to generate students admit card or report card by using MS-Access. ● Create a database by using SQL Command
May	12	8 Marks	Unit-2 Web Applications (Basics)	<ul style="list-style-type: none"> ● They will understand about network and types of network. ● They will understand network architecture and network component. ● They will understand about internet and uses of internet ● They will understand Instant messaging , video calling and Blog. ● They will understand online transactions and Internet security. ● They will understand different types of operating system. ● They will care and maintenance of a computer. 	<ul style="list-style-type: none"> ● Students have learnt about network and types of network. ● Students have learnt about network architecture and network component. ● Students have learnt about internet and uses of internet ● Students have learnt about Instant messaging , video calling and Blog. ● Students have learnt about online transactions and Internet security. ● Students have learnt about different types of operating system. ● Students have learnt about care and maintenance of a computer. 	<ul style="list-style-type: none"> ● Prepare a file on application of internet.
July	12	8 Marks	Unit-3 Word Processing (Intermediate)	<ul style="list-style-type: none"> ● They will understand about Word processing software and its example. ● They will understand about alignment, Indent and spacing. 	<ul style="list-style-type: none"> ● Students have learnt about Word processing software and its example. ● Students have learnt about alignment, Indent and spacing. 	<ul style="list-style-type: none"> ● Create a personal Bio-data in MS-Word. ● Create a ppt on

				<p>Communication Skills (S4-S5)</p> <ul style="list-style-type: none"> ● They will understand about Header and Footer. ● They will understand about style like font style, color and size of text. ● They will understand template, Page break and applying character formats. ● They will understand about Insert graphical objects and Illustrations. ● They will understand text wrapping and inserting symbol and special characters. ● They will understand the barriers to communication. ● They will understand the 7C's of effective communication. 	<ul style="list-style-type: none"> ● Students have learnt about Header and Footer. ● Students have learnt about style like font style, color and size of text. ● Students have learnt about template, Page break and applying character formats. ● Students have learnt about Insert graphical objects and Illustrations. ● Students have learnt about text wrapping and inserting symbol and special characters. ● Students have learnt about the barriers to communication. ● Students have learnt about the 7C's of effective communication. 	<p>communication barriers.</p>
Aug.	12		<p>8 Marks</p> <p>Unit-3 Basic ICT skills</p> <p>Unit-4 Spreadsheet (Intermediate)</p>	<ul style="list-style-type: none"> ● They will understand about spreadsheet software and its examples. ● They will understand about row, column, cell and cell range. ● They will understand about AutoSum and conditional formatting. ● They will understand about Hide/Unhide/Freeze Rows and Columns. ● They will understand Page Breaks and page Layout. ● They will understand about manage Workbook Views and Apply Cell and Range names. ● They will understand to create and modify Charts. ● They will understand Sort and Filter Data. ● They will understand about calculate Data across worksheets. ● They will understand about using multiple Workbooks, Linking Cells and sharing worksheet Data. 	<ul style="list-style-type: none"> ● Students have learnt about spreadsheet software and its examples. ● Students have learnt about row, column, cell and cell range. ● Students have learnt about AutoSum and conditional formatting. ● Students have learnt about Hide/Unhide/Freeze Rows and Columns. ● Students have learnt Page Breaks and page Layout. ● Students have learnt about manage Workbook Views and Apply Cell and Range names. ● Students have learnt to create and modify Charts. ● Students have learnt Sort and Filter Data. ● They will understand about calculate Data across worksheets. ● Students have learnt about using multiple Workbooks, Linking Cells and sharing worksheet Data. 	<ul style="list-style-type: none"> ● Use of ICT tools like WhatsApp, Internet, Facebook in spreading awareness among the people. ● Create a worksheet showing average summer temperatures of metro cities in India and create a column chart with chart title 'Average Summer Temp'
Sep	12		<p>Unit-2 Self-Management skills</p>	<ul style="list-style-type: none"> ● They will understand the importance of stress management. 	<ul style="list-style-type: none"> ● Students have learnt about the importance of stress management. 	<ul style="list-style-type: none"> ● Create a presentation of 10-

			6 Marks	<p>Unit-5 Digital Presentation (Intermediate)</p> <ul style="list-style-type: none"> • They will understand various stress management techniques. • They will understand the self-awareness and self motivation. • They will understand about presentation software and its examples. • They will understand about inserting a movie clip and Audio Clip. • They will understand about working with charts and tables. • They will understand about inserting Transitions and Animations. • They will understand about Grouping objects and Adding speakers notes. • They will understand Reviewing, Preparing to Deliver and printing a presentation. 	<ul style="list-style-type: none"> • Students have learnt about various stress management techniques. • Students have learnt about the self-awareness and self motivation. • Students have learnt about presentation software and its examples. • Students have learnt about inserting a movie clip and Audio Clip. • Students have learnt about working with charts and tables. • Students have learnt about inserting Transitions and Animations. • Students have learnt about Grouping objects and Adding speakers notes. • Students have learnt about Reviewing, Preparing to Deliver and printing a presentation. 	<p>15 slides on the topic , 'Healthy Diet' and take a printout for handout of slides of your presentation.</p>
Oct.	12		4 Marks	<p>Unit-4 Entrepreneurship skills (S1-S2)</p> <p>Unit-6 E-Mail Messaging (Intermediate)</p> <ul style="list-style-type: none"> • They will understand the relationship between entrepreneurship and society. • They will understand the qualities and functions of an entrepreneur. • They will understand about working with Calendar, Schedule an appointment and Categorize an appointment. • They will understand share and print a calendar. • They will understand about creating and Respond to a Meeting Request. • They will understand about create and Edit a Task & a Note. • They will understand about create and edit a journal entry. 	<ul style="list-style-type: none"> • Students have learnt about the relationship between entrepreneurship and society. • Students have learnt the qualities and functions of an entrepreneur. • Students have learnt about working with Calendar, Schedule an appointment and Categorize an appointment. • Students have learnt share and print a calendar. • Students have learnt about creating and Respond to a Meeting Request. • Students have learnt about create and Edit a Task & a Note. • Students have learnt about create and edit a journal entry. 	<ul style="list-style-type: none"> • Create appointments for three categories (Library activities, After-School Sports activities and Unit Test activities) with three different colors.

Nov.				Unit-4 Entrepreneurship skills (S-3,4,5)	<ul style="list-style-type: none"> ● They will understand the role and importance of an entrepreneur. ● They will understand Myths of Entrepreneurship. ● They will understand the Entrepreneurship as a career option. ● They will understand sustainable development and its importance. ● They will explain some of the methods that can be adopted for sustainable development. ● They will list the problems related to sustainable development. 	<ul style="list-style-type: none"> ● Students have learnt about the role and importance of an entrepreneur. ● Students have learnt about Myths of Entrepreneurship. ● Students have learnt about the Entrepreneurship as a career option. ● Students have learnt about sustainable development and its importance. ● Students have learnt about the some of the methods that can be adopted for sustainable development. ● Students have learnt about the problems related to sustainable development. 	<ul style="list-style-type: none"> ● Prepare a file where suggest some solutions to achieve sustainable development.
Dec.				Pre-Board and Revision			

CLASS –X[CURRICULUM-2020-21]

ENGLISH(FIRST TERM)					
Month & Teaching days	Book	Chap.	Topic	Learning outcome	Subject Enrichment Activity
Feb./ March 20 Days	Literature Reader(FF)	Lesson-1	A Letter to God {G.L. Fuentes}	<ul style="list-style-type: none"> • Students will be able to analyze & compare the circumstances & lives of the legendary persons • :can write a letter to near and dear ones and to any office • : develop their knowledge about disaster management sharing & self dependence • Able to classify characteristics as positive & negative • : recognize & list the poetic devices. • : create imaginary dialogues on 	<ul style="list-style-type: none"> • Write a letter to the editor of a news paper expressing your concern about “Bad condition of the statues of freedom fighters” in the parks of your city. • Find out the sentences of Present tense, Past Tense, Relative Clause in the chapters.
	Supplementary	Lesson-2	Nelson Mandela: Long Walk to Freedom {Nelson Rolihlahla Mandela}		
	Literature(FF)	Lesson-1	A Triumph of Surgery {James Herriot}		
	Grammar Writing Skills	Poem 1	Dust of Snow {Robert Frost}		
		Poem 2	Fire and Ice {Robert Frost}		
	Values		Determiners, Tenses Letter to The Editor Truthfulness Perseverance Empathy		
Life Skills					
April 25 Days	Literature Reader	Lesson-3	Two Stories About Flying ; His first flight; {Liam O’Flaherty} Black Aeroplane {FrederickForsyth}	<ul style="list-style-type: none"> • Able to apply prior knowledge to complete web chart ----- why people explore • : develop in themselves the ability to write a story out of their mind. • Can construct dialogues on various subjects • Able to ascertain by inquiry interesting facts about the poet. • can find out the qualities of the people around them 	<ul style="list-style-type: none"> • You are organizing a trip to the zoo for the students. Write a letter to the Manager of Indian Tour and Travels enquiring about the discounts and Packages of the trip. • Have you ever been alone in Or away from your house? Write your experience in a paragraph. • Write a paragraph in 150 words from the experience from your life on ‘A person has always some good in him’. (Talking example from ‘A Thief’s Story’) • List infinitives, participles & gerunds used in the chapters & poem.
	Supplementary	Lesson-2	The Thief’s Story {Ruskin Bond}		
	Supplementary	Lesson-3	The Midnight Visitor {Robert Arthur}		
	F/F	Poem -3	A Tiger in The Zoo {Leslie Norris}		
	Grammar		Sub-Verb agreement, Non finites verbs Letter of enquiry Sacrifice, kindness Trustfulness Figures of speech		
		Writing skills Value Life Skills Literary Devices			

CLASS –X[CURRICULUM-2020-21]

<p>May 25 Days</p>	<p>Literature(FF) Literature(FF) F/F Supplementary Grammar Writing skills Value Life skills</p>	<p>Lesson-4 Lesson-5 Lesson-6 Poem-4 Lesson-4</p>	<p>From the Diary of Anne Frank { Anne Frank } The Hundred Dresses- Part 1 The Hundred Dresses- Part 2 {El Bsor Ester } How to Tell the Wild Animals { Carolyn Wells } A Question of Trust { Victor Canning } Connectors, Voice, Letter of Placing Order Love and affection Interpersonal relationship</p>	<ul style="list-style-type: none"> • Able to develop values and respect towards customs ; culture and heritage. • Acknowledge the consequences of war, hatred , loneliness & isolation. • : identify & list the poetic devices • analyze & draw a comparison between good and bad. 	<ul style="list-style-type: none"> • Write a letter to V.K. Publication House, Daryaganj, New Delhi placing an order for some famous biographies & autobiographies of the famous persons. • A man's behavior is a mirror in which he shows his/her portrait. Write your views on this in a paragraph in 100-120 words. • List the passive sentences & conjunction in the chapters.
<p>July 26 Days</p>	<p>Literature(FF) Supplementary Supplementary Literature(FF) Grammar Writing Skills Value Life Skills</p>	<p>Lesson-5 Lesson-5 Lesson-6 Poem-5</p>	<p>Glimpses of India 1. A Baker from Goa {Lucio Rodrigues } 2.Coorg {Lokesh Abrol } 3.Tea from Assam { Arup Kumar Datta } Foot prints Without Feet {H.G. Wells } The Making of Scientist { Robert W.Peterson } The Ball Poem {John Berryman } Conditional, Narration, News Headlines Story Writing Humanity Effective Communication</p>	<ul style="list-style-type: none"> • Able to analyze abuses of loneliness & harassment of elderly. • : justify the importance of the title of the play. • : drive meaning of term dialect. • :Critically evaluate traits to write a character sketch {Griffin } • demonstrate literal and inferential comprehension • : write a motivational story. 	<ul style="list-style-type: none"> • Write the description of the places visited by you, in your own words. • Moral values play a very important role in shaping the life of a human being. Write an article on 'Importance of moral values'.

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<p>August 22 Days</p>	<p>Literature(FF) ” ” ” Literature(FF) Supplementary Grammar Writing Skills Life Skill Value</p>	<p>Lesson-8 Lesson-9 Poem-6 Lesson-7</p>	<p>Mijbil The Otter { Gavin Maxwell } Madam Rides the Bus { Vallikkannan } Amanda { Robin Klein } The Necklace { Guy De Maupassant } Prepositions, Comparison Speech writing Self-awareness Righteousness</p>	<ul style="list-style-type: none"> • Able to develop a sense of love & care towards pet animals. • breakdown the poem into smaller unities and identify the conflict & the resolution. • Able to speak about their weakness & strengths • :Summaries facts & inferences to evaluate the text • Able to write analytically sketch of central character 	<ul style="list-style-type: none"> • Individual has a deep desire and he/she has to work hard to fulfill that. Write a speech on the topic ‘Hard work is a key to success’ to be delivered in the morning assembly. • List the prepositions used in the chapters & poem.
<p>Sept. 20 Days</p>	<p>Literature(FF) Literature(FF) Supplementary ” ” ” Grammar Literary Devices Writing Skills Value Life Skills</p>	<p>Lesson-10 Poem-8 Lesson-8 Lesson-9</p>	<p>The Serman at Banares { Betty Renshaw } The Trees { Adrienne Rich } The Hack Driver { Sinclair Lewis } Bholi { K.A. Abbas } Animals { Walt Whitman } Modals, Figures of speech Letter of complaint Determination Creative thinking.</p>	<ul style="list-style-type: none"> • Able to interpret meanings of archaic words • locate examples of poetic devices • explore the various themes in the poem • :develop critical understanding • : write a brief comment on sin and redemption, respect for nature. • Able to enumerate advantages & disadvantages of modern lifestyle. • Summarizes thoughts & views to answer 	<ul style="list-style-type: none"> • You see that there are some people in your area who are cutting the trees. Write a letter of complaint against this to the higher authorities/D.M/S.D. M. of your area. You are Saurav/Neelam of 4-5, Model Town, Aligarh. • Bholi neglected the person accepting/demanding dowry. Dowry is a social abuse”. Write an article on this. • Find the models used in the chapters.

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October 19 Days	Literature(FF)	Lesson-11	The Proposal {Anton Chekov}	<ul style="list-style-type: none"> • Able to comment analytically on the important issues like over exploitation of natural resources and excessive use of electronic devices. • :answer factual, inferential & evaluate questions <ul style="list-style-type: none"> • analyze critically to explore & define any term. • :learn effective communication • Able to estimate & debate on any common and specific subject. • :interpret the suggestive expressions used by the poet • identify & make a list of the poetic devices 	<ul style="list-style-type: none"> • “Sometime appearances are deceptive”. And we should not judge anyone on the basis of his/her appearance. Write your views on the topic given in inverted commas. • Complete the story: - Once in a jungle there lived a lion. It was very cruel and killed many innocent animal every day. One day all the other animals of the jungle decided to-----.
	Literature(FF)	Poem-9	Fog [Carl Sand burg]		
	” ” ”	Poem-10	The Tale of Custard The Dragon {Ogden Nash}		
	” ” ”	Poem-11	For Anne Gregory; {William Butler Yeats}		
	Supplementary	Lesson-10	The Book That Saved The Earth {Claire Boiko}		
	Grammar		Editing, Omitting, Nominalization		
	Writing Skills		Story Writing		
Value		Honesty			
Life Skills		Problem solving			
November		Pre-Board & Revision			
December		Pre-Board & Revision			
January		Pre-Board & Revision			

Syllabus For the Session 2020-21

Class - X Physics Final curriculum

Month	Days	Days	Percentage	Topic	Sub-Topic	Learning Objective	Activities / Experiments	
MARCH	21		Pt-1 14	Hy 10	chap 12. Electricity	Electric potential and potential difference	Explain the potential & potential difference	Portfolio Activity-- How will you prepared a lemon battery? Experiment-- Studying the dependance of potential difference (v) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I
						Electric current, ohms law	• Define electric current	
						resistance, factors of resistance, resistivity	• Explain the factors of resistance.	
						combination of resistance, electric power	explain electric power	
APRIL	21			Electricity Magnetic effect of current	heating effect of current / joules law of heating	define heating effect of current	Find the equivalent resistance in series and parallel combination.	
					Magnetic field, magnetic line of force	Define magnetic field		
MAY	23		Pt-2 14	Hy 10	Magnetic effect of current	straight current carrying conductor, circular loop, Force experience by conductor, F L H rule, electric motor	• Describe the magnetic field due to loop and solenoid. Difference between permanent and temporary magnets	Portfolio activity ----- To study the magnetic effect of electric current carrying conductor.
						Electromagnetism, induction, F R H rule,	State the law of EMI	
						AC /DC current generator , domestic circuit	•Write advantage and disadvantage of Ac/DC current.	
JUNE	5			Hy 07	source of energy	Non renewable sources of energy, fossil fuels, biomass energy	Write & explain the different forms of energies like water, tidal etc	
JULY	22				Source of energy	Solar energy, renewable sources of energy, nuclear energy (nuclear fission & fusion)	explain solar energy and it's application. Explain nuclear fusion & fission	Determine of the focal length of concave mirror.
					Reflection of light	Reflection, laws of reflection, plane mirror, spherical mirrors,	Define the terms centre of curvature, pole, principle axis, focus, focal length.	
					Reflection of light	Image formation by plane & spherical mirrors,	•Locate the image in spherical mirror. •Difference between real & virtual image.	
						mirror formula, magnification	•Explain the magnification.	

AUGUST	21						Refraction of light	Refraction of light, laws of refraction, refractive index	Define refraction and state the law of refraction.	Determine of the focal length of convex lens. Finding the image distance for varying object distance in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.
								Image formed by lenses, lens formula	Locate the image in spherical lenses.	
								magnification,		
								power of lens	Define power of lens	
SEPTEMBER	Revision and Exam									
OCTOBER	13						Human eye	Human eye, construction And working	Explain the functions of parts of eye.	Tracing the path of the rays of light through a glass prism.
									•Explain the function of iris	
									•Explain the function of ciliary muscle.	
								Defects of vision , power of accommodation	Describe the defects of vision	
NOVEMBER	20	20	20	20	20	20	Human eye	Dispersion of light	Explain the dispersion of light.	To Study the dispersion of white light by a glass prism. Also find the angle of deviation.
								Atmospheric refraction	•Explain the twinkle of stars, delay sunset and advanced sunrise.	
								Scattering of light	Explain the colour of sky is blue. Red colour used in	

Syllabus For the Session 2020-21
Class - X Social SCIENCE

Month	P. T.-1	P. T.-2	P. T.-3	Half year	Days	Topic	Sub-Topic	Learning Objective	Activities
MARCH	13			6	21	Ch-1 Resources and Development (GEOGRAPHY)	Types - natural and human resources.	Understand the value of resources and the need for their judicious utilisation and conservation . Identify various types of farming and discuss the various farming methods	Write about the types of soil and show on political map of India with map work. Life skill- Interpersonal
						Ch- 1 Development (Economics)	Need for resource planning. land as a resource.	Students will be able to understand about the need and planning of resources.	Complete assignment-I in lab manual page no.-72 to 80 Life skill-Self awareness
							soil types and distribution. Changing land-use pattern.	students will be able to understand the types of soil and land distribution.	
	13			5			Land degradation and conservation measures.	Students will be able to know about the conservation and human resources.	
							The traditional notion of development.	Familiarisation of some macroeconomic concepts.	
								How and why people should be healthy and provided with education.	
						Ch-1 Rise of nationalism in Europe	The french revolution and the idea of nation	to make our student aware about nationalism	Group discussion -Over feeling of nationalism in Europe . Life skill- Communication
							The making of nationalism in europe	to make our student aware about the importance of nationalism.	
	14			6			The age of revolutions: 1830-1848	to inculcate the values of unity fraternity and brotherhood in our students.	
							The making of germany and italy	Students can identified the maker of Germany and Italy	
							Visualising the nation	Students can created image in mind	
							Nationalism and imperialism	Students can analysis	
APRIL					21	Ch-1 Power Sharing (Civics)	Why and how is power shared in democracies?	student will be able to analyse the relationship between social cleavages and political competition with reference to Indian situation.	Make a comparative study over power sharing between Sri Lanka and Belgium Life skill- analytical
		13		5			How has federal division of power in India helped national unity?	To make our students aware about the importance of power sharing in democracy.	
							To what extent has decentralisation achieved this objective?	undersatnding the working of spatial and social power sharing mechanisms.	
							How does democracy accommodate different social groups?	to make students aware about new Panchayat Raj institutions in rural and urban areas.	
						Ch-2 Federalism (Civics)	What extent has decentralisation achieved this objective?	Analyse federal provisions and institutions .	Write an essay over decentralisation with example Life skill-Thiking skill
		13		5			How does democracy accommodate different social groups?		
						Ch-4 Agriculture (GEOGRAPHY)	Types of farming, major crops, cropping pattern.	Understand the importance and role of agriculture in national economy.	Map work over crops Life skill- Thinking skill
							Technological and institutional reforms,their impact.	Identify various types of farmingand discuss the various farming methods.	
	14		6	Contributionof agricultureto national economy-employment and output.	Describe the spatial distribution of major crops.				

MAY					23	Ch-4 The Making of a Global World (History)	Global interconnectedness, world economy taking shape, Interwar economy.	Analyze the implication of globalization for local economies.	Discuss the importance of technology for creation of Nation identity. Life skill- Co-operative learning
			10	5			The nineteenth century global economy, colonialism.	To know about the economic depression and interwar economy.	
							The inter war economy (Great depression)	Discuss how globalization is experienced differently by different social groups.	
							Rebuilding the world economy.	Analyse the making of global world and second world war.	
					10	Ch-2 Sectors of the Indian Economy (Economics)	Sector of economic activities: Historical change in sectors.	Understand the importance of agriculture in National economy	Compare the employment in primary secondary and Tertiary sector Life skill- analytical thinking
				5			Critical appraisal of existing development indicators (PCI, MSR, SR and other income and health indicators.)	To make student aware of a major employment generating sector.	
				The need for health and educational development.			To Sensitise the learner about how and why governments invest in such an important sector.		
JUNE				5	5	Ch-3 Money and Credit (Economics)	Role of money in an economy Historical origin . Formal and Informal financial institutions for Savings and Credit	to make our students aware about the different sources of credit. Importance of increasing formal sources of credit in our country.	Make questioner over role of credit Life skill-Creative thinking
JULY					22	Ch-3 Nationalism in India :Civil Disobedience Movement) (History)	First world war, Khilafat and Non-Cooperation Salt Satyagraha. Movements of peasants and workers.	ideals of different political groups and individuals, notably Mahatama Gandhi	Preapre a report on indian national movment with political map of India. Life skill- Interpersonal
				8			Impact of first world war ,Khilafat movement ,Non-coopertaion and differing starnds within the movement.	Discuss the characteristics of Indian nationalism through a case study of civil disobedience movement.	
							Salt satyagraha, Movements of Peasants ,workers, tribals.	Analyze the nature of the diverse social movements of the time.	
							Movements of Peasants, workers, tribals.	Famailiarize students with the writings and ideals of different political groups and individuals.	
					4	Ch-5 Mineral and Power Resources (Geography)	Types of minerals, distribution.	Discuss various types of minerals as well as their uneven nature of distribution and explain the need for their judicious utilisation .	Scrap book: over minerals Life skill- Interapersonaly
							use and economic importance of minerals.	Discuss various types of minerals as well as their uneven nature of distribution and explain the need for their judicious utilization.	
				conservation. types of power resources .			Discus various type of conventional and non-conventioanl resources and their utilization.		

AUGUST					21	Ch-6 Political Parties (Civics)	Which are the major national and regional parties in India?	Making students aware about the importance of power sharing in a democracy.	Map work: Mark and locate the areas of different regional political parties of India. Life skill- Interpersonal
				4			What role do political parties play in a competition and contestation?	Analyse the role of social movements and non-party political formations.	
							Importance and need of the major national and regional parties in India.	Introduction to major political parties in the country,	
				4	Ch-4 Gender, religion and caste (Civics)	How has the gender division shaped politics? How do communal divisions affect democracy?	Analyse different party systems in democracies . Introduction to major political parties in the country	Make a list of women participant in Indian politics. Life skill- Self awareness	
SEPTEMBER				6	20	Ch-6 Manufacturing Industries (Geography)	Types, spatial distribution, contribution of industries to the national economy.	Discuss the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas.	Make a flowchart over classification over manufacturing Industries. Life skill- Interpersonal
							Industrial pollution and degradation of environment.	To know about the causes of Pollution.	
				6	Ch-7 Outcome of Democracy (Civics)	Can or should democracy be judged by its outcomes? Has democracy led to development, security and dignity for the people? What sustains democracy in India?	Introduction to the difficult question of evaluating the functioning of democracies.To Develop the skills of evaluating Indian democracy on some key dimensions : development, security and dignity for the people.	Presentation over outcomes of democracy. Life skill-Thinking skill	
OCTOBER					20	Ch- 4 Globalisation and Indian economy (Economics)	Globalisation (through some simple examples) How India is being globalised.	Provide children with some idea about how a particular economic phenomenon is influencing their surroundings and day-to-day life.	Complete lab manual page no.- 54 to 71 Life skill-analitical
							State Control of Industries Different perspectives on globalisation and its impact on different sectors.	Students will be able to know about the measures taken to control the industries on global perspectives.	
							Developmental Strategies prior to 1991.	To know the importance of developmental strategies.	
					Ch- 7 Life line of National Economy (Geography)	Types of transport Importance of trade and communication	To understand the role of trade in the economic development of a country.	Write about the major problems faced by road transport in India. Life skill- Intrapersonally	
						Importance of means of transport and communication.	To explain the importance of transport and communication in the ever shrinking world.		
						Advantages of Railways,waterways,and roadways	Students will be able to know in detail about all the means of transport and their advantages.		
					Ch-5 Consumer Rights (Economics)	How consumer is exploited (one or two simple case studies) factors causing exploitation of consumers . Rise of consumer awareness . how a consumer should be in a market; role of government in consumer protection	Making the child aware of his or her rights and duties as a consumer Familiarizing the legal measures available to protect from being exploited in markets.	Discuss the functions of Consumer Protection Councils. Life skill-Integratide project	