



JAYPEE PUBLIC SCHOOL

GREATER NOIDA

SYLLABUS PLANNERS

CLASS: VIII

SESSION 2021-22

JAYPEE PUBLIC SCHOOL, GREATER NOIDA
WEEK WISE SYLLABUS (SESSION-2021-22)

CLASS- VIII

SUBJECT: ENGLISH

MONTH: APRIL

TOPIC	WEEK-2	WEEK-3	WEEK-4	WEEK-5	-
CHAPTERS Literature: Ch. 1- Little Nino and My Secret Beard Poem. 1- Warned Grammarite: Ch. 1- Sentences Ch. 2- Nouns Writing Skills: Poster Making	Ch. 1- Little Nino and My Secret Beard	Grammarite: Ch. 1- Sentences	Poem. 1- Warned	Grammarite: Ch. 2- Nouns Writing Skills:- Poster Making	-
LEARNING OBJECTIVES	1. Students should be able to understand our environment and its needs. 2. To make them able to comprehend the concept of the chapter. 3. To enable them to realize the beauty lies in the verse. 4. To enhance their creativity by making posters. 5. To make the student able to identify four types of sentences: declarative, interrogative, exclamatory, and imperative. 6. To make the students understand how to form abstract nouns from verbs and adjectives. 7. To revisit nominative, objective, and possessive cases.				
LEARNING OUTCOMES	1. Students will be able to build new vocabulary. 2. Students will understand the importance of natural resources which are depleting day by day. 3. Students will be able to find out the rhyme scheme used in the poem. 4. Students will be able to use question tags appropriately. 5. It will enable them to transform affirmative sentences into negative sentences and vice versa. 6. Students will be able to identify and use proper, common, collective, abstract, countable, and uncountable nouns appropriately. 7. To identify the cases in which nouns are used.				
TEACHING AID	e-notes, PDF files and You Tube videos.				

MONTH: MAY

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS Literature: Ch. 2- The Great Indian Bustard Ch.3- Planning a Surprise Grammarite: Ch. 2- Adjectives Writing Skills: Informal Letter Writing	Ch. 2- The Great Indian Bustard	Grammarite: Ch. 2- Adjectives	Ch.3- Planning a Surprise	Writing Skills:- Informal Letter Writing	Summer Break
LEARNING OBJECTIVES	<ol style="list-style-type: none">1. To make the students aware that how there is a sharp decline in the natural habitat of the birds.2. To make them able to understand the concept of the chapter.3. Children should be able to understand the value and great support of the family members.4. To make the students learn about formation of adjectives using suffixes.5. To understand the positive, comparative, and superlative degrees of comparison of adjectives.6. To improve students' writing skills while using all important adjectives.				
LEARNING OUTCOMES	<ol style="list-style-type: none">1. Students will understand the importance of being in the family.2. Students will learn new words which will build up their mind dictionary.3. Students will understand that how the future and the safety of wildlife and the environment lay in the hands of young generation.4. It will make the students able to learn collocation of adjectives in a better way.5. Students will learn to use the right order of adjective while using more than one adjective in a sentence.6. Student will have the confidence to frame letter content by their own.				
TEACHING AID	Online Resources, digital content, e-notes, You Tube videos				

SUBJECT: HINDI

MONTH: APRIL

TOPIC	WEEK-2	WEEK-3	WEEK-4	WEEK-5
पाठ <u>/व्याकरण/रचनात्मकलेखन</u> ध्वनि लाखकीचूड़ियां बसकीयात्रा अनुच्छेदलेखन भाषाबोलीलिपितथाव्याकरण वर्णविचार शब्दविचार	ध्वनि अनुच्छेदलेखन	लाखकीचूड़ियां	बसकीयात्रा	भाषाबोलीलिपितथाव्याकरण वर्णविचार शब्दविचार
शिक्षणउद्देश्य	<ul style="list-style-type: none">इलेक्ट्रॉनिकमाध्यमोंसेजुड़तेहुएभाषाप्रयोगकीबारीकियोंऔरसावधानियोंसेअवगतरहना।जीवनकेप्रतिआशावादीदृष्टिकोणसेअवगतकरवानाव्यवहारिकज्ञानएवंसामाजिकसमरसतासेअवगतकरवानासाहित्यकीविभिन्नविधाओंकेमध्यअंतर्संबंधऔरअंतरकीपहचान।स्वतंत्रएवंमौखिकरूपसेअपनेविचारोंकीअभिव्यक्तिकाविकास।			
अपेक्षितअधिगम	<ul style="list-style-type: none">भाषासाहित्यकीबारीकियोंपरचर्चाकरतेहैं।विशिष्टशब्दभंडार , वाक्यसंरचनाशैलीसंरचना, मौलिकताआदि।युवकोंमेंरचनात्मकताकाविकासहोगानैतिकमूल्योंकेविकासमेंविज्ञानएवंसामाजिकसमरसतासेपरिचितहोंगेस्वतंत्रएवंमौखिकरूपसेअपनेविचारोंकीअभिव्यक्तिकाविकासहोगा।			
शिक्षणसामग्री	<ul style="list-style-type: none">ईबुकसईकंटेंट,पी.डी.एफयूट्यूबवीडियोज़			

MONTH: MAY

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
पाठ /व्याकरण/रचनात्मक-लेखन अपठितगद्यांश संज्ञा दीवानोंकीहस्ती पत्रलेखन (अनौपचारिक) संवादलेखन शब्दभंडार	अपठितगद्यांश संज्ञा	संज्ञा दीवानोंकीहस्ती	पत्रलेखन (अनौपचारिक)	संवादलेखन	शब्दभंडार
शिक्षणउद्देश्य	<ul style="list-style-type: none"> संचारमाध्यमोंमेंप्रयुक्त (प्रिंटतथाइलेक्ट्रॉनिक)हिंदीकीप्रकृतिसेअवगतकरानातथाउन्हेंनए-नएतरीकेसेप्रयोगकरनेकीक्षमताकाविकासकराना। नैतिकमूल्योंकेविकासव्यावहारिकज्ञानएवंसामाजिकसमरसतासेअवगतकराना। इलेक्ट्रॉनिकमाध्यमोंसेजुड़तेहुएभाषाप्रयोगकीबारीकियोंऔरसावधानियोंसेअवगतरहना। व्याकरणकेमाध्यमसेभाषाशुद्धवसमृद्धकरना। 				
अपेक्षितअधिगम	<ul style="list-style-type: none"> संचारमाध्यमोंमेंप्रयुक्त (प्रिंटतथाइलेक्ट्रॉनिक)हिंदीकीप्रकृतिसेअवगतहोंगे। संकल्पसेहीव्यक्तिअपनेलक्ष्यकोप्राप्तकरसकताहै विज्ञानएवंसामाजिकसमरसतासेपरिचितहोंगे भाषासाहित्यकीबारीकियोंपरचर्चाकरतेहैं, जैसे -विशिष्टशब्दभंडार , वाक्यसंरचनाशैलीसंरचना, मौलिकताआदि। 				
शिक्षणसामग्री	<ul style="list-style-type: none"> डिजिटलकंटेंट डिजिटललर्निंगमाड्यूल्स ऑनलाइनरिसोर्सेज 				

MATHEMATICS**MONTH: APRIL**

Content/ Topic	1st Week	2nd Week	3rd Week	4th & 5th Week
Chapter -1 (Rational Number) Chapter 8 (Linear equation)	Orientation for Students Chapter 1: <ul style="list-style-type: none">• Properties of Rational Numbers• Representation of Rational numbers on number line• Rational Numbers between two given Rational numbers	Chapter 2: <ul style="list-style-type: none">• Solving Equations with expression on one side and number on other side• Word problems related to the above topic	Chapter 2: (Cont.) <ul style="list-style-type: none">• Solving Equations with variables on both sides	Chapter 2: (Cont.) Reducing equation to simpler form
Learning objectives	It will enable the student to: <ul style="list-style-type: none">• learn the properties of Rational Numbers.• solve various equations given in a problem.			
Expected Learning Outcome	The students will be able to: <ul style="list-style-type: none">• differentiate between Rational Numbers and Fractions• apply the properties of rational numbers in the problems given• apply Linear Equations in word problems related to every day routine.			
Teaching aid/Resources	<ul style="list-style-type: none">• Smart class module• Fractional kit			

MONTH: MAY

Content/ Topic	1st Week	2nd Week	3rd Week	4th Week	5th Week
Ch -14 (Polygon) Chapter 15(Quadrilaterals) Chapter16(Parallelograms) Chapter 17 (Construction of Quadrilaterals)	Chapter – 14 <ul style="list-style-type: none">• Polygons and its types• Properties related to polygons	Chapter -15 and Chapter 16 <ul style="list-style-type: none">• Kinds of quadrilaterals with their properties	Chapter 15 (Cont.) <ul style="list-style-type: none">• Kinds of quadrilaterals with their properties	Chapter 17 <ul style="list-style-type: none">• Construction of Quadrilaterals when three sides and two diagonals are given	Summer Break
Learning objectives	It will enable the student to learn various properties of quadrilaterals.				
Expected Learning Outcome	The students will be able to apply Properties of Quadrilaterals in solving word problems.				
Lab Activities	<ul style="list-style-type: none">• Angle sum property of quadrilateral• Sum of exterior angles of any polygon• Properties of parallelogram: a) diagonals bisect each other b) opposite angles are equal				
Teaching aid/Resources	<ul style="list-style-type: none">• Smart class module• Model on Angle Sum Property of Quadrilaterals• Model on sum of exterior angles of any polygon				

CLASS- VIII

SUBJECT: SOCIAL SCIENCE

MONTH: APRIL

TOPIC	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS History-1. How, Where and When? Geography-Resources	History: Chapter 1 ➤ An over view of period- (Hindu, Muslim, British) Introduction to new Geographical boundaries	An Outline of the time Frame Introduction of the historical sources of study	➤ Geo: Chapter 1 Resources and their types-Human made, Human itself and natural resources. Importance of resources in our lives	➤ Geo: Chapter 1 Resources and their types-Human made, Human itself and natural resources ➤ Importance of resources in our lives (to be contd.)
LEARNING OBJECTIVE S	<ul style="list-style-type: none"> To introduce to the changing nomenclature of the Indian subcontinent To understand how the sources of study for present day are different to those of earlier period.. To get familiar how a trading company became a political power To know how trade led to various historic battles. 		<ul style="list-style-type: none"> To know the meaning of resources, their variety, location and distribution To develop an understanding about the earth as the habitat of humankind and other forms of life. 	
LEARNING OUTCOMES	Student will learn how the consolidation of British power was linked to the formation of colonial armies & administrative structure.		<ul style="list-style-type: none"> To know the meaning of resources, their variety, location and distribution To develop an understanding about the earth as the habitat of humankind and other forms of life. 	
TEACHING AID	<ul style="list-style-type: none"> Newspapers Articles Smart Class Module, Map 			
			<ul style="list-style-type: none"> Students will understand the significance of resources & types of resources. 	

MONTH: MAY

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4
CHAPTERS History- From Trade to Territory contd. Civics- The Indian Constitution	History: Chapter 2 Mercantilism and trade wars Struggle for Territory with Indian Rulers .	➤ History: Chapter 2 The Growth of Colonial army.	Civics: Chapter 1: Need for laws The Role of Constitution in our lives	Civics: Values and Vision of Constitution
LEARNING OBJECTIVES	<ul style="list-style-type: none"> To get familiar how a trading company became a political power To know how trade led to various historic battles. 		To understand the Vision & Values of the Constitution.	
LEARNING OUTCOMES	Student will learn how the consolidation of British power was linked to the formation of colonial armies & administrative structure.		Comprehend the constitution as the primary source of all our laws	
TEACHING AID	<ul style="list-style-type: none"> Flow Chart Smart Class Module Videos Power Point Presentation. E-modules 			

SUBJECT: CHEMISTRY

MONTH: APRIL

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS Ch.3 Synthetic Fibres and plastics	Chapter 3 <ul style="list-style-type: none"> Synthetic fibers- types, characteristics and uses 	Chapter 3 <ul style="list-style-type: none"> Synthetic fibers-their types, characteristics 	Chapter 3 <ul style="list-style-type: none"> Plastics- their properties and uses 	Chapter 3 <ul style="list-style-type: none"> Plastics and environment 4Rprinciple 	Chapter 3 <ul style="list-style-type: none"> Recapitulation and discussion of question and answers

		anduses			
LEARNING OBJECTIVES	<ul style="list-style-type: none"> learn about different types of synthetic fibers differentiate between different types of plastics 				
LEARNING OUTCOMES	# differentiate between thermoplastic and thermosetting type of plastics # learn the synthesis of different types of plastics and their uses				
TEACHING AID	e-books available on learnflix.com, you tube videos from don't memorise related to the concept, students' school bags, their sportswear/swimwear				

MONTH: MAY

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS Ch. 4 Metals and Non-Metals	<ul style="list-style-type: none"> History of usage of metals And ancient eras named as per the usage of metals during that time in history 	<ul style="list-style-type: none"> History of usage of metals And ancient eras named as per the usage of metals during that time in history 	<ul style="list-style-type: none"> Basic introduction about naturally occurring elements and those synthesized artificially 	<ul style="list-style-type: none"> Introduction to metals, non-metals and metalloids 	SUMMER BREAK

LEARNING OBJECTIVES	<ul style="list-style-type: none"> To learn about metals of antiquity Know about occurrence of metals and nonmetals in nature Know the historical importance of metals and non-metals
LEARNING OUTCOMES	<ul style="list-style-type: none"> Comprehend the importance of metals on historical timeline Recognize India's contribution to early metallurgical practices
TEACHING AID	Objects in the surroundings (things made of metals e.g, furniture, bottles, utensils etc and those made of non-metals e.g, pencil lead, you tube videos related to the topic, e-pointers

CLASS- VIII
SUBJECT: PHYSICS
MONTH: APRIL

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS Chapter 11: Force and pressure	<ul style="list-style-type: none"> INTRODUCTION 	Force unit and its effects	Different types of forces	Different types of Forces AND its properties	Pressure and Pressure exerted by liquids & gases
LEARNING OBJECTIVES	<ul style="list-style-type: none"> learn about various types of force, know the concept of pressure and its relationship with thrust 				
LEARNING OUTCOMES	Students will be able to: <ul style="list-style-type: none"> understand about various types of forces understand concept of pressure and its relationship with thrust 				
TEACHING AID	Digital Learning Modules, Online Resources, YouTube Videos, Online PPT Resources, E-Books PDF				

MONTH: MAY

TOPIC	WEEK-1	WEEK-2	WEEK-3	WEEK-4	WEEK-5
CHAPTERS Chapter 11: Force and pressure Chapter 12: Friction	<ul style="list-style-type: none"> Applications of Pressure exerted by liquids & gases Chapter exercise question answers 	<ul style="list-style-type: none"> Chapter 12: Friction Cause of friction Factors affecting friction 	<ul style="list-style-type: none"> Types of friction Friction-a necessary evil 	Chapter exercise question answers and recap	SUMMER BREAK
LEARNING OBJECTIVES	To: <ul style="list-style-type: none"> understand the concept of pressure exerted by gases. learn the properties of air understand that liquids & gases exert pressure sequence the various events in the formation of cyclones and thunderstorms 				

LEARNING OUTCOMES	understand that liquids & gases exert pressure <ul style="list-style-type: none"> • know about different types of friction
TEACHING AID	Digital Learning Modules, Online Resources, YouTube Videos, Online PPT Resources, E-Books PDF

Subject: Biology

Month: April

Content/Topic	1 st Week	2 nd Week	3 rd Week	4 th Week
Chapter 8: Cell structure and function.	Chapter 8 <ul style="list-style-type: none"> • Introduction of chapter. • Cell • Tissue • Organs • system 	Chapter 8 <ul style="list-style-type: none"> • Cell discovery. • Shape and size of cell • Unicellular and Multicellular 	Chapter 8 <ul style="list-style-type: none"> • Cell membrane. • Cell wall 	Chapter 8 <ul style="list-style-type: none"> • Cytoplasm • Nucleus • Prokaryotes and Eukaryotes
Learning Objectives	It will enable the students to: <ul style="list-style-type: none"> • Draw diagram of plant and animal cell. • Relate functions of different parts of cell. • Identify different organelles. • Justify the role of different cell organelle. 			
Expected Learning Outcome	The students would be able to: <ul style="list-style-type: none"> • Draw label diagram of plant and animal cell • Write the role of different cell organelle. • Explain nucleus, chloroplast ect • Differentiate between prokaryotes and eukaryotes. 			
Teaching Aids	<ul style="list-style-type: none"> • E-Notes • E-book • You tube Videos • Diagrams 			

Subject: Biology

Month: May

Content/Topic	1st Week	2nd Week	3rd Week	4th Week
Chapter 8: Cell structure and function. Chapter 1: Crop production and management.	Chapter 8 <ul style="list-style-type: none">• Plastids• Vacuole• Chloroplast• Differences between plant and animal cell	Chapter 1 <ul style="list-style-type: none">• Introduction• Need of crop management• Types of crop-Rabi & Kharif crop.	Chapter 1 <ul style="list-style-type: none">• Basic practices of crop production.• Preparation of soil.<ul style="list-style-type: none">• Sowing• Practices of sowing• Fertilizers• Manure	SUMMER BREAK
Learning Objective	It will enable the students to: <ul style="list-style-type: none">• Understand the role of plastids.• Distinguish between vacuole of plant and animals.• Sketch diagram of chloroplast.• Explain the role of vacuole• Compare between rabi and kharif crop.• Explain the basic steps of agriculture.• Establish the relation between agricultural implements and production.• Evaluate the importance of manure.			
Expected Learning Outcome	The students would be able to: <ul style="list-style-type: none">• Explain role of plastids in plant cell.• Realize the significance of chloroplast.• Differentiate between vacuole of plant and animal.• Justify the need of plastids and vacuole.• Realize the significance of pigments in cell.• Explain different steps of agricultural practices.• Justify the importance of manure			
Teaching Aids	<ul style="list-style-type: none">• E-book• E-notes• You tube videos Pictures/specimens of different types of plants and animals			

संस्कृत

माह : अप्रैल

पाठ / विषय	प्रथम सप्ताह	द्वितीय सप्ताह	तृतीय सप्ताह	चतुर्थ सप्ताह	पंचम सप्ताह
पाठ-1 अस्माकं विद्यालयः पाठ-2 चन्द्रगुप्तस्य न्यायः अपठित गद्यांश गिनती 1-50	-----	पाठ-1 अस्माकं विद्यालयः	पाठ-2 चन्द्रगुप्तस्य न्यायः	अपठित गद्यांश	गिनती 1-50
शिक्षण उद्देश्य	वार्तालाप के नियमों से परिचित कराना । न्यायप्रिय बनने के लिए प्रेरित करना । राजा के कर्तव्यों को उजागर करना । विनम्रता के भाव को प्रदर्शित करना । संख्याओं की पहचान सिखाना ।				
अपेक्षित अधिगम	वार्तालाप के नियमों से परिचित होंगे । न्यायप्रिय बनने के लिए प्रेरित होंगे । राजा के कर्तव्यों को जान सकेंगे । विनम्रता के भाव को प्रदर्शित कर सकेंगे तथा दैनिक जीवन में उसका प्रयोग कर सकेंगे । संख्याओं की पहचान कर सकेंगे ।				
शिक्षण सामग्री	पुस्तक – नई दीप मणिका , संख्या सारणी				

माह : मई

पाठ / विषय	प्रथम सप्ताह	द्वितीय सप्ताह	तृतीय सप्ताह	चतुर्थ सप्ताह	पंचम सप्ताह
पाठ- 3 महताम् अपि महान् पाठ – 4 सुवचनानि शब्द रूप – माता,पिता	-----	पाठ- 3 महताम् अपि महान्	पाठ – 4 सुवचनानि	शब्द रूप – माता ,पिता	ग्रीष्मावकाश
शिक्षण उद्देश्य	महानता के गुणों की चर्चा करना । सुवचनों को अपनाने के लिए प्रेरित करना । एक समान चलने वाले शब्द रूपों को जानना । शब्द रूपों की पहचान बताना ।				
अपेक्षित अधिगम	महानता के गुणों पर चर्चा कर सकेंगे। सुवचनों को अपनाने के लिए प्रेरित होंगे । एक समान चलने वाले शब्द रूपों को जान सकेंगे । शब्द रूपों की पहचान कर सकेंगे ।				
शिक्षण सामग्री	पुस्तक – नई दीप मणिका				