



“Education to Excel”

New Horizon Public School, Airoli

Syllabus : 2023 – 24

Grade : VII

Contents

Sr.No	Name of the Subject	Page No
1	English	1
2	Marathi	4
3	Hindi	6
4	Sanskrit	8
5	Mathematics	10
6	Science	12
7	Social Science	14
8	ICT	17
9	Value Education	18
10	Art	19
11	Music	20
12	Physical Education	21

Grade: VII			Subject : English			
Unit	Month	L. No.	Name of the Chapter	Name of the Book	Page no.	
Term I						
Coursebook - UNIT-1 Tasty Treats						
Unit I	April	Unit 1 A	Chapter: Dal Delight	Odyssey Course Book	2	
		Unit 1 C	Poem: Deep In Our Refrigerator		20	
		1	Reader: The Beekeeper and the Bewitched Hare (Activity)	Odyssey Literature Reader	1	
		2	Reader: The Cherry Tree (Activity)		13	
		25	Grammar: Vocabulary	Grammar Gear	152	
		1	Grammar: Nouns		1	
		2	Grammar: Noun Functions		7	
		1	Writing Skills: Notice Writing	Practice Workbook	89	
		1	Worksheet 1		4	
		2	Worksheet 2		12	
			Activity: Debate			
	Coursebook - UNIT-2 Facing Challenges					
		June	Unit 2 A	Chapter: The Last Leaf	Odyssey Course Book	27
			Unit 2 B	Chapter: His First Flight		35
			Unit 2 C	Poem: If (Activity)		43
			3	Reader: The People Upstairs (Activity)	Odyssey Literature Reader	25
			4	Reader: The Luncheon		29
			3	Grammar: Formation of Adjectives	Grammar Gear	12
			4	Grammar: Confusing Adjectives		19
	5		Grammar: Determiners	25		
	4		Writing Skills: Story Writing	Practice Workbook	90	
	3		Worksheet 3		20	
			Activity: Enrichment Activity 1 (Make an album consisting of various breakfast food items from different parts of the world)			
Coursebook - UNIT-1 Tasty Treats						
Unit II	July	Unit 1 B	Chapter: The All-American Slurp	Odyssey Course Book	10	
		Coursebook UNIT- 3 Our Country				
		Unit 3 A	Chapter: Dhyanchand	Odyssey Course Book	56	
		Unit 3 B	Chapter: Gems of India (Activity)		63	
		Unit 3 C	Poem: To India- My Native Land		72	
		5	Reader: The Diamond Necklace (Activity)	Odyssey Literature Reader	39	
		6	Grammar: Verbs- Tenses		30	
		7	Grammar: Verbs- The Perfect Continuous Tenses	Grammar Gear	38	
		8	Grammar: Verbs- Transitive and Intransitive		45	
		3	Writing Skills: Diary Entry	Grammar Gear & Practice Workbook	91	
		4	Worksheet 4	Practice Workbook	29	
			Activity: Life Skills and Values (Complete the list of the Do's and Don't we should follow on a Rainy day)			
		Art Integrated Project - Write a Bio- Sketch of two literary figures one each from Maharashtra and Sikkim				

Unit	Month	L. No.	Name of the Chapter	Name of the Book	Page no.	
Unit II	August	Coursebook - UNIT- 4 The Sporting Spirit				
		Unit 4 A	Chapter: The Goal Not Scored		Odyssey Course Book	76
		Unit 4 B	Chapter: The Amazing Story of Kipchoge Keino (Activity)			83
		Unit 4 C	Poem: Nine Gold Medals			91
		6	Reader: On the Grasshopper and the Cricket (Activity)		Odyssey Literature Reader	56
		9	Grammar: Verbs- Finite and Non- Finite		Grammar Gear	50
		10	Grammar: Subject-Verb Agreement			57
		11	Grammar: Verbs- Modals			62
		12	Grammar: Phrases- Kinds of Phrases			68
		5	Writing Skills: Informal Letter		Grammar Gear & Practice Workbook	94
		5	Worksheet 5		Practice Workbook	38
		6	Worksheet 6			46
			Activity: 1. Health and Physical Education (Find out how and why being outdoors and being amidst nature improves our mental health)			
			Activity : 2. Enrichment Activity 2 (Think of one major challenge that you faced. How did you overcome it?)			
			September		Revision & Half Yearly Examination	

Unit	Month	L. No.	Name of the Chapter	Name of the Book	Page no.		
Term II							
Coursebook - UNIT-5 Nurture Nature							
Unit III	October	Unit 5 A	Chapter: Fire in the Forest	Odyssey Course Book	95		
		Unit 5 C	Poem: Throwing a Tree		111		
		8	Reader: Ozymandias (Activity)	Odyssey Literature Reader	69		
		7	Reader: Uncle Podger hangs a Picture (Activity)		61		
		13	Grammar: Pronouns- Kinds and Antecedents	Grammar Gear	73		
		14	Grammar: Conjunctions- Coordinating and Subordinating		80		
		15	Grammar: Voice- Active and Passive		85		
		6	Writing Skills: Formal Letter	Grammar Gear & Practice Workbook	96		
		7	Worksheet 7	Practice Workbook	54		
				Activity: Enrichment Activity 3 (Read about the game Hockey and write 10 lines about it)			
Coursebook - UNIT-6 The Written Word							
Unit III	November	Unit 6 A	Chapter: How I Taught my Grandmother to read	Odyssey Course Book	124		
		Unit 6 C	Poem: Sound and Sense		141		
		9	Reader: A Birthday Letter	Odyssey Literature Reader	73		
		16	Grammar: Punctuation	Grammar Gear	95		
		17	Grammar: Sentences- Kinds of Sentences		102		
		9	Writing Skills: Report Writing	Grammar Gear & Practice Workbook	101		
		8	Worksheet 8	Practice Workbook	62		
Coursebook - UNIT-5 Nurture Nature							
Unit IV	December	Unit 5 B	Chapter: The World in a Wall	Odyssey Course Book	101		
		Coursebook - UNIT-6 The Written Word					
		Unit 6 B	Chapter: Boyhood Days	Odyssey Course Book	133		
		Coursebook - UNIT-7 Suspense and Mystery					
		Unit 7 C	Poem: The Way through the Woods	Odyssey Course Book	162		
		10	Reader: Lincoln's First Public Speech (Activity)	Odyssey Literature Reader	80		
		18	Grammar: Sentence- Phrases and Clauses	Grammar Gear	108		
		19	Grammar: Kinds of Clauses- Main and Subordinate		114		
		20	Grammar: Subordinate Clauses- Kinds		118		
		8	Writing Skills: Article Writing	Grammar Gear & Workbook	100		
		9	Worksheet 9	Practice Workbook	72		
				Activity: Art Integration (Complete the collage with pictures of different flowers. Collect information on all the flowers)			
		Coursebook - UNIT-7 Suspense and Mystery					
Unit IV	January	Unit 7 A	Chapter: The Bermuda Triangle	Odyssey Course Book	145		
		Unit 7 B	Chapter: The Hound of the Baskervilles		152		
		11	Reader: The Bird with the Broken Pinion (Activity)	Odyssey Literature Reader	88		
		12	Reader: The Merchant of Venice (Activity)		93		
		21	Grammar: Relative Pronouns and Relative Clauses	Grammar Gear	124		
		22	Grammar: Conditionals- Type 0 and Type 1		128		
		23	Grammar: Sentences- Simple, Compound and Complex		134		
		24	Grammar: Direct and Indirect Speech		140		
		27	Grammar: Reading Comprehension		165		
		7	Writing Skills: E-mail Writing	Grammar Gear & Workbook	98		
		10	Worksheet 10	Practice Workbook	81		
		Activity: Enrichment Activity 4 (Using the internet find out the names of three famous fictional detectives and the authors who created them)					
	February		Revision & Yearly Examination				

चाचणी	महिना	पाठ क्र.	विषय वस्तू	पुस्तकाचे नाव	पृष्ठ क्र.
चाचणी I	एप्रिल	१	कविता :- सरस्वती स्तवन (श्रुतलेखन) उपक्रम :- सरस्वती वंदना लिहून पाठ करणे . व्याकरण :- शब्दांच्या जाती (उजळणी) उपक्रम :- शब्दांच्या जातीचा तक्ता बनवणे . अंक लेखन :- १०१ ते १२५ रचनात्मक लेखन :- निबंध :- माझी शाळा	हसत गात शिकूया मराठी	७-१०
		२	पाठ :- लोटाभर पाणी (श्रुतलेखन) उपक्रम :- म .गांधी यांचे चित्र चिकटवून माहिती लिहा .		हसत गात शिकूया मराठी
	जून	३	पाठ :- चतुर्थीचा चंद्र (श्रुतलेखन) उपक्रम :-अकबर आणि विरबलाची एक कथा लिहा .	हसत गात शिकूया मराठी	
		४	कविता :- इशारा (श्रुतलेखन) उपक्रम :- निसर्ग कविता लिहा . रचनात्मक लेखन :- कथा लेखन निबंध :-माझा आवडता ऋतू - पावसाळा-		
चाचणी II	जुलै	५	पाठ :- प्रदूषण जागृती (श्रुतलेखन) उपक्रम :- प्रदूषण थांबवण्यासाठी तुम्ही काय कराल या	हसत गात शिकूया मराठी	२६-३२
		६	विषयावर चर्चा करणे . पाठ :- स्वातंत्र्यवीर सावरकर (श्रुतलेखन) उपक्रम :- सागरा प्राण तळमळला या कवितेचे गायन . व्याकरण :- क्रियापद ,काळ व काळाचे प्रकार उपक्रम :- एखादा प्रसंग सांगून त्याचे तिन्ही काळात रूपांतर करण्यास सांगणे . Writing Skills: चित्रवर्णनअंक- १२५ ते १५० . रचनात्मक लेखन :- निबंध :-आवडता देशभक्त Art integrated Project : Maharashtra and Sikkim		३३-३८
	ऑगस्ट	७	पाठ :- गड आला पण सिंह गेला . (श्रुतलेखन) उपक्रम :- पाच गडांची चित्रे गोळा करणे .	हसत गात शिकूया मराठी सप्तरंग	३९-४४
	८	अभंग :- राहे विठोबाचे पायी उपक्रम :- आवडत्या संताचे चित्र लावून माहिती लिहिणे . रचनात्मक लेखन :- निबंध :- माझा आवडता संत	४५-४७		
	सप्टेंबर		उजळणी अर्ध वार्षिक परीक्षा		

द्वितीय सत्र

चाचणी	महिना	पाठ क्र	विषय वस्तू	पुस्तकाचे नाव	पृष्ठ क्र.
चाचणी III	ऑक्टोबर	९	<u>पाठ</u> ४- डॉ. ए. पी. जे अब्दुल कलाम (श्रुतलेखन) <u>उपक्रम</u> ४- आवडत्या शास्त्राज्ञाविषयी माहिती लिहा . <u>पाठ</u> ४- अतूट प्रेम	हसत गात शिकूया मराठी	४८ -५२
		१०	<u>उपक्रम</u> ४-माझे आजोळ या विषयावर दहा ओळी निबंध लिहा . <u>व्याकरण</u> ४- क्रियाविशेषण , अंक १५१ ते १७५ <u>उपक्रम</u> ४- चिट्ठ्या उचलून वाक्ये बनविणे . <u>रचनात्मक लेखन</u> ४- पत्रलेखन (औपचारिक परवानगी पत्र)		४७ -५२
चाचणी III	नोव्हेंबर	१५	<u>कविता</u> ४- मुलाचे मनोगत (श्रुतलेखन) <u>उपक्रम</u> ४- आई या विषयावर कविता तयार करणे . <u>पाठ</u> ४- शाळा - शाळा (श्रुतलेखन) <u>उपक्रम</u> ४-पाठातील विकारी शब्द शोधून लिहा . <u>व्याकरण</u> :- शब्दयोगी अव्यय <u>उपक्रम</u> ४- वर्गातील वस्तूंवर आधारित वाक्ये तयार करणे . <u>रचनात्मक लेखन</u> ४- निबंध ४ माझा आवडता खेळ	हसत गात शिकूया मराठी	५९-६१ ६२-६६
		१३	<u>पाठ</u> ४- श्री सिध्दीविनायक (श्रुतलेखन) <u>उपक्रम</u> ४- मुंबई शहराविषयी माहिती लिहा . <u>कविता</u> ४- माळीण (श्रुतलेखन) <u>उपक्रम</u> ४- आवडत्या फुलांची चित्रे काढून त्यांची नावे लिहा . <u>व्याकरण</u> :- उभयान्वयी अव्यय , म्हणी , वाक्प्रचार <u>उपक्रम</u> ४- कथेमध्ये उभयान्वयी अव्ययांचा वापर करणे <u>रचनात्मक लेखन</u> ४- निबंध ४ नाताळ		हसत गात शिकूया मराठी
चाचणी IV	जानेवारी	१५	<u>पाठ</u> ४- झाड आणि लव्हाळे (श्रुतलेखन) <u>उपक्रम</u> ४- कथा कथन	हसत गात शिकूया मराठी	
		१६	<u>व्याकरण</u> :- केवलप्रयोगी अव्यय अंक - १७६ ते २०० <u>उपक्रम</u> ४- नाटयीकरण <u>रचनात्मक लेखन</u> ४- निबंध ४-माझा आवडता सण अंक - १७६ ते २०० <u>वाक्प्रचार संग्रह</u>		८१-८६ ९२
चाचणी IV	फेब्रुवारी		उजळणी वार्षिक परीक्षा	हसत गात शिकूया मराठी	

कक्षा : सातवीं			विषय :हिंदी			
इकाई	महीना	पाठ क्रमांक	विषय वस्तु	पुस्तक का नाम	पृष्ठ क्रमांक	
प्रथम सत्र						
इकाई I	अप्रैल	1	हम सब राही एक राह के (कविता)	रोली हिंदी पाठमाला	11-15	
		3	स्मृतियों के पत्रों से(संस्मरण)		25-31	
			व्याकरण -			
		1	भाषा, बोली, लिपि तथा व्याकरण	वंदना हिंदी व्याकरण		
		2	वर्ण विचार		13-23	
			रचनात्मक लेखन - अनुच्छेद लेखन		265-269	
		19	अपठित गद्यांश		229-236	
	22	संवाद लेखन	246-249			
	जून	2	बंधन का पंछी(कहानी)	रोली हिंदी पाठमाला	16-23	
		9	जागो! हे जागो!(कविता)		70-73	
		7	प्रेम के चितेरे संत रविदास(जीवनी)		53-61	
			व्याकरण -			
		3	शब्द विचार	वंदना हिंदी व्याकरण	24-30	
		4	शब्द निर्माण : उपसर्ग प्रत्यय		31-71	
		मुहावरे(1-10)pg.no.220	219-228			
29	रचनात्मक लेखन - पत्र लेखन (अनौपचारिक)	270-280				
27	धन्यवाद ज्ञापन	263-264				
इकाई II	जुलाई	4	राष्ट्रध्वज(लेख)	रोली हिंदी पाठमाला	33-38	
		5	बूढ़ा कुत्ता(रेखाचित्र)		40-4	
			व्याकरण -			
		6	संज्ञा	वंदना हिंदी व्याकरण	93-101	
		7	संज्ञा के विकार : लिंग, वचन, कारक		102-126	
	5	शब्द भंडार : पर्यायवाची(अंधकार से हाथ), विलोम(अंधकार से हार), वाक्यांशों के लिए एक शब्द(1-22 pg.81), श्रुतिसमभिनार्थक शब्द(1-5 pg. 85), अनेकार्थी शब्द(1-5 pg.89)	72-92			
		कला एकीकरण : महाराष्ट्र - सिक्किम				
	अगस्त	8	सर्वनाम	वंदना हिंदी व्याकरण	127-134	
		20	रचनात्मक लेखन - सार लेखन		237-240	
		8	राजधर्म(जातक कथा)	रोली हिंदी पाठमाला	63-68	
		10	दवा,दफ्तर और ज़िंदगी		74-81	
		व्याकरण -				
4		संधि (दीर्घ, गुण), समास(द्वंद्व,द्विगु)	वंदना हिंदी व्याकरण	31-71		
6	पूजनीय नारी है!(कविता)	रोली हिंदी पाठमाला	47-51			
सितंबर		पुनरावर्तन और अर्धवार्षिक परीक्षा				

इकाई	महीना	पाठ क्रमांक	विषय वस्तु	पुस्तक का नाम	पृष्ठ क्रमांक	
द्वितीय सत्र						
इकाई III	अक्टूबर	11	आगरा की यात्रा(यात्रा वृत्तांत)	रोली हिंदी पाठमाला	83-92	
		12	घना पक्षी विहार		93-100	
		20	न जाओ शहरों की ओर (कविता)		157-163	
			व्याकरण -	वंदना हिंदी व्याकरण	72-92	
	5	शब्द भंडार : पर्यायवाची(अबर से हाथी), विलोम(अच्छाई से हर्ष), वाक्यांशों के लिए एक शब्द(1से 30 pg 82), श्रुतिसमभिन्नार्थक शब्द(6-10 pg.86), अनेकार्थी शब्द (6-10pg. 90)				
	9	विशेषण				
	10	क्रिया(कर्म के आधार पर)				
	नवंबर		23	रचनात्मक लेखन - उद्घोष लेखन	वंदना हिंदी व्याकरण	250-252
			13	रस की बूँद(कविता)	रोली हिंदी पाठमाला	101-106
			15	सर की उपाधि लौटा दी(पत्र)		118-123
				व्याकरण -	वंदना हिंदी व्याकरण	
			11	काल		
			12	आवेकारी पद(क्रिया विशेषण, समुच्चयबोधक ,संबंधबोधक, विस्मयादिबोधक एवं निपात)		
			13	पद परिचय		
		29	रचनात्मक लेखन - पत्र लेखन (औपचारिक)			
इकाई IV	दिसंबर	14	पूस की रात	रोली हिंदी पाठमाला	107-116	
		17	रानी चैनम्मा(एकांकी)		131-139	
			व्याकरण -	वंदना हिंदी व्याकरण		
		14	वाक्य(अर्थ के आधार पर)			
		15	विरामचिह्न			
		16	अशुद्धिशोधन			
		28	रचनात्मक लेखन - अनुच्छेद लेखन			
	जनवरी		18	मिसाइल मैन (आत्मकथा)	रोली हिंदी पाठमाला	140-148
			16	भारत वर्ष (कविता)		124-130
				व्याकरण -	वंदना हिंदी व्याकरण	
			17	वाच्य		
			18	मुहावरे एवं लोकोक्तियाँ		
			19	रचनात्मक लेखन - अपठित पदयांश		
			24	चित्र वर्णन		
		21	लघुकथा लेखन			
		19	चाय : एक अद्भुत पेय(लेख)			
	26	रचनात्मक लेखन - ई मेल लेखन	रोली हिंदी पाठमाला	149-156		
			वंदना हिंदी व्याकरण	260-262		
	फरवरी		पुनरावर्तन और वार्षिक परीक्षा			

कक्षा - सप्तमी			विषय:- संस्कृतम्			
प्रथमसत्रम्						
घटकः	मासः	पाठ क्र.	विषयवस्तु :	पाठ्यपुस्तकम्	पृष्ठ क्रमाङ्कः	
प्रथमः घटकः	अप्रैल		पाठाः	नव – संस्कृतम्	9-16	
		1	संस्कृतदिनम्			
			क्रियाकलापः - कला सादरीकरणम् ।			
			व्याकरणम्	व्याकरण- वैभवम्		
			वर्णमाला			
			उच्चारणस्थानानि			
	जून			पाठाः	नव – संस्कृतम्	17-24
		2	भारतीयाः वीराङ्गना :			
			क्रियाकलापः - वीराङ्गनायाः चरित्रलेखनम् ।			
		3	जयतु राष्ट्रम्		25-32	
			क्रियाकलापः - स्फोरक पत्रनिर्माणम् ।			
			व्याकरणम्	व्याकरण- वैभवम्		
	धातुरूप					
द्वितीयः घटकः	जुलाई		पाठाः	नव – संस्कृतम्	33-39	
		4	धन्याः भारतीयाः			
			पाठाः			
		5	संस्कृतक्रीडा		42-47	
			सचित्रसूचनावाक्यनिर्माणम् ।			
			व्याकरणम्	व्याकरण- वैभवम्		
		शब्दरूप				
		कारक – उपपद विभक्तिः - द्वितीया तः चतुर्थी				
		कला एकत्रिकरणम् - महाराष्ट्र सिक्किम				
	अगस्त			पाठाः	नव – संस्कृतम्	48-55
		6	दिनचर्या			
		क्रियाकलापः - स्वदिनचर्यालेखनम् ।				
7		सुभाषितानि		56-59		
		व्याकरणम्	व्याकरण- वैभवम्			
		समयलेखनम्				
सितम्बर			पुनरावर्तनम्			

द्वितीयसत्रम्					
घटकः	मासः	पाठ क्र.	विषयवस्तु :	पाठ्यपुस्तकम्	पृष्ठ क्रमाङ्कः
तृतीयः घटकः	अक्तूबर		पाठाः	नव – संस्कृतम्	
		८	केरलराज्यम् (विशेषण - विशेष्यसम्बन्धः) क्रियाकलापः - चित्रवर्णनम् ।		60-65
		१०	बालकलामः (तुमुन् , क्त्वा , ल्यप् प्रत्ययाः) क्रियाकलापः - प्रश्नोत्तरक्रीडा		74-79
		नवम्बर			पाठाः
	१२		साइनानेहवालः (क्तवतुप्रत्ययः , ऋकारान्तप्रयोगः)	84-88	
			क्रियाकलापः - सचित्रकथास्फोरकपत्रनिर्माणम् ।		
			व्याकरणम्	व्याकरण- वैभवम्	
	७		संख्याप्रयोगः (१से ५०)		
	चतुर्थः घटकः	दिसम्बर		पाठाः	नव – संस्कृतम्
१४			श्रद्धावान्भतेज्ञानम् (सन्धिप्रयोगः) क्रियाकलापः - सस्वरश्लोकगायनम् ।	96-101	
			व्याकरणम्	व्याकरण- वैभवम्	
१०			सन्धि (दीर्घ , गुण)		
जनवरी				पाठाः	
		१५	चरणस्पर्शस्यमहत्वम् (महाभारतकथा - भवत्प्रयोगः) क्रियाकलापः - कथाकथनम् ।	102-107	
		१६	योजकस्तत्रदुर्लभः (अव्ययप्रयोगः) क्रियाकलापः - सचित्रस्फोरकपत्रनिर्माणम् ।	108-112	
			व्याकरणम्	व्याकरण- वैभवम्	
		६	उपपदविभक्ति - पञ्चमी तः सप्तमी		
		फरवरी		पुनरावर्तनम्	

Grade : VII			Subject : Mathematics		
Unit	Month	L.No	Name of the chapter	Name of the Book	Page No.
Term I					
Unit I	April	1	Integers Activity: To find the product of two integers.(using square papers)	Odyssey Mathematics	1-18
		2	Fractions and Decimals Activity: To divide fraction using a number line.		19 - 42
	June	2	Fractions and Decimals		
		2	Maths Lab Activity: To multiply decimals using grid box.	Maths Lab Manual	10
		3	Rational Numbers Activity: To multiply two rational numbers experimentally.	Odyssey Mathematics	43-67
Unit II	July	4	Exponents		
		19	Maths Lab Activity: To express exponents with base 2 through paper folding.	Maths Lab Manual	64
		5	Algebraic Expressions Activity: To add algebraic expressions using algebra tiles	Odyssey Mathematics	86-102
		10	Symmetry Activity: Making of wall design or rangoli having rotational symmetry.		179-191
	Art Integrated Project: Write about at least two mathematicians of Sikkim & Maharashtra				
August	6	Linear Equations in one variable Activity: Puzzles Activity		Odyssey	103-126
		7	Lines and Angles		127-145
	7	Maths Lab Activity: To verify by paper cutting and pasting that if a transversal intersect two parallel lines then the cointerior angles are supplementary.		Maths Lab Manual	23
	September		Revision & Half Yearly Examination		

Unit	Month	L.No	Name of the chapter	Name of the Book	Page No.
Term II					
Unit III	October	14	Comparing Quantities Activity: To find profit or loss percentage for given items .	Odyssey	241-262
		8	Triangles		146-164
	November	10	Maths Lab Activity: To verify Angle sum property.	Maths Lab Manual	33
		9	Congruence of Triangles	Odyssey	165-178
		14	Maths Lab Activity: To prove that each diagonal of a parallelogram divides it two congruent triangles.	Maths Lab Manual	46
Unit IV	December	12	Constructions Activity: (Paper rocket) To make 15, 30, 45, 60, 75 and 90 degree angles without using a protractor.	Odyssey	204-217
		11	3D Visualisation Activity: .Draw an isometric isometric sketch of a cube with edge 5 units.		192-203
		13	Perimeter and Area		218-240
	January	15	Maths Lab Activity: To find the ratio of circumference of a circle to its diameter.	Maths Lab Manual	49
		15	Data Handling & Probability Activity: To draw double bar Graph by using the given data.	Odyssey	263-285
		February		Revision & Annual Examination	

Grade : VII			Subject : Science			
Unit	Month	Ls.No	Name of the Chapter	Name of the Book	Pg.No	
Term I						
Unit I	April	1	Nutrition in Plants	Odyssey Science - Cambridge	1 - 15	
			Activity - Compare a green plant with a mushroom. List two differences and similarities.		15	
			Lab Activity: To show that leaves contain starch.		4	
		4	Heat and Temperature	Odyssey Science - Cambridge	41 - 53	
			Lab Activity: 1. To observe heat transfer in solids.		43	
			Lab Activity: 2. To observe convection in liquids.		44	
	June	7	Physical And Chemical Changes	Odyssey Science - Cambridge	54 - 72	
			Lab Activity: 1. To show that burning of magnesium produces magnesium oxide.		60	
			Lab Activity: 2. To show that the freezing of water into ice is a physical change while the burning of paper is a chemical change.	Science Lab Manual	15-16	
		2	Nutrition in Animals	Odyssey Science - Cambridge	16 - 26	
			Lab Activity: 1. To study the digestive system of a human body.	Science Lab Manual	39-40	
			Lab Activity: 2. To investigate the effect of saliva on the food.	Odyssey Science - Cambridge	20	
	Unit II	July	9	Respiration	Odyssey Science - Cambridge	111 - 124
				Activity: To show that exhaled air contains moisture.		116
				Lab Activity: To prove that the air we breathe out contains carbon dioxide.		112
6			Acid, Bases and Salts	Science Lab Manual	73 - 84	
			Activity: Taste different food items and classify them as bitter/ sour.		73	
			Lab Activity: To find the nature of different solutions using red and blue litmus papers.		24	
Art Integrated Project: Famous Scientists of Sikkim and Maharashtra.						
August		3	Fibre to Fabric	Odyssey Science - Cambridge	29 - 40	
			Activity - To understand the use of fibres.		30	
		14	Winds and Storms		182 - 192	
			Activity - To observe effect of wind speed on air pressure.		184	
		8	Soil		99 - 110	
	Project Lesson - Activity -To study the texture and water holding capacity of different samples of soil.		105			
September		Revision & Half Yearly Examination				

Unit	Month	LS.No	Name of the Chapter	Name of the Book	Pg.No
Term II					
Unit III	October	13	Electric Current and Its Effects	Odyssey Science - Cambridge	170 - 179
			Activity - Make a list of objects in your surroundings such as wood and iron and classify them as good or bad conductor.		178
		Lab Activity: To set up a simple electric circuit.	Science Lab Manual	21	
	November	10	Transportation in Plants and Animals	Odyssey Science - Cambridge	125 - 138
			Lab Activity: To study Transpiration in leaves.		128
		15	Light		193 - 206
			Activity - Making of Newton disc.		201
			Lab Activity: To show that sunlight is made up of seven colours.		Science Lab Manual
		17	Wise use of Water		221 - 233
			Project Lesson - Activity - 1. Find information on WATER MAN OF INDIA - RAJENDRA SINGH.		233
Unit IV	December	11	Reproduction in plants	Odyssey Science - Cambridge	139 - 152
			Activity - To study the pollen grains of a flower.		146
		12	Motion and Time		155 - 168
	Activity - Measure the length of your desk & black board using a handspan. Compare your measurement with that of other three students in class. Write your observations in the given table.		155		
	January	7	Weather, Climate and Adaptation		87 - 98
			Activity - To study the weather report from a newspaper for a week.		89
		16	Forests - Our Lifeline		209 - 220
			Activity - Make a presentation on the importance of forests. Make a list of the various things that forests give us and how they help the environment. Make a collage on the basis of your findings and share it with the class.		215
			18		Waste Management
	Activity - Organise a trip to a nearby water treatment plant and prepare a report based on your observations. Share your observations with your classmates.	237			
	February		Revision & Yearly Examination		

Term I

Unit	Month	Ls. no.	Name of the chapter	Name of the Book	Pg. no.	
Unit I	April	1	When, Where and How (History) Activity: Map work (Collect information about Arts)	Odyssey (Cambridge)	1-7	
		1	When, Where and How Workbook	Ratan Sagar	3 - 6	
		2	New Kings and Kingdoms (History)	Odyssey (Cambridge)	8 - 15	
		2	New Kings and Kingdoms Workbook	Ratan Sagar	7 – 10	
		2	New Kings and Kingdoms Map book	Ratan Sagar	42 – 44	
		1	Our Environment (Geography) Activity: Project on ecofriendly life (How you will support environment)	Odyssey (Cambridge)	111-119	
		1	Our Environment Workbook	Ratan Sagar	45-48	
		1	Our Environment Map Book	Ratan Sagar	3	
		2	Land: Rocks and Minerals (Geography)	Odyssey (Cambridge)	120-126	
		2	Land: Rocks and Minerals Workbook	Ratan Sagar	49-52	
		2	Land: Rocks and Minerals Map Book	Ratan Sagar	4-5	
		1	On Equality (Civics)	Odyssey (Cambridge)	202-209	
		1	On Equality workbook	Ratan Sagar	83-86	
	June	3	The Sultans of Delhi (History) Activity: Information Collection -Coins of that time	Odyssey (Cambridge)	16-27	
		3	The Sultans of Delhi workbook	Ratan Sagar	11-14	
		3	The Sultans of Delhi Map book	Ratan Sagar	45-56	
		3	Earth Movements and Major Landforms (Geography) Activity: Collage work on landforms of Earth	Odyssey (Cambridge)	130-139	
		3	Earth Movements and Major Landforms Work book	Ratan Sagar	53-56	
		3	Earth Movements and Major Landforms Map book	Ratan Sagar	6-15	
		2	Role of the Government in Health (Civics)	Odyssey (Cambridge)	209-214	
	2	Role of the Government in Health workbook	Ratan Sagar	87-90		
	Unit II	July	4	The creation of an Empire (History)	Odyssey (Cambridge)	30-42
			4	The creation of an Empire Work Book	Ratan Sagar	15-18
4			The creation of an Empire Map Book	Ratan Sagar	58-66	
4			Composition and Structure of the Atmosphere (Geography) Activity: Diagram (Layers of atmosphere)	Odyssey (Cambridge)	140-148	
4			Composition and Structure of the Atmosphere workbook	Ratan Sagar	57-60	
4			Composition and Structure of the Atmosphere map book	Ratan Sagar	16-17	
3			How the State Government works (Civics)	Odyssey (Cambridge)	217-223	
3			How the State Government works workbook	Ratan Sagar	91-95	
Art Integrated Project: Famous holy places in Maharashtra and Sikkim						

Unit II	August	5	Architecture as Power: forts and Sacred Places (History)	Odyssey (Cambridge)	43-55
		5	Architecture as Power: forts and Sacred Places workbook	Ratan Sagar	19-22
		5	Water (Geography)	Odyssey (Cambridge)	149-156
		5	Water workbook	Ratan Sagar	61-64
		5	Water Map book	Ratan Sagar	18-25
		4	Growing up as Boys and Girls (Civics)	Odyssey (Cambridge)	224-229
		4	Growing up as Boys and Girls Workbook	Ratan Sagar	95-98
		5	Women change the world (Civics)	Odyssey (Cambridge)	233-238
	5	Women change the world workbook	Ratan Sagar	95-98	
	September		Revision and Half Yearly Examination		
Term II					
Unit III	October	6	Towns, Traders and Craftsmen (History) Activity: Information Collection - Surat and Masulipatam	Odyssey (Cambridge)	59-66
		6	Towns, Traders and Craftsmen Workbook	Ratan Sagar	23-26
		6	Towns, Traders and Craftsmen Map book	Ratan Sagar	68-69
		6	Natural Vegetation and Wildlife (Geography)	Odyssey (Cambridge)	160-168
		6	Natural Vegetation and Wildlife workbook	Ratan Sagar	65-68
		6	Natural Vegetation and Wildlife Map book	Ratan Sagar	26-27
		6	Understanding Media (Civics)	Odyssey (Cambridge)	239-245
		6	Understanding Media workbook	Ratan Sagar	103-106
		7	Understanding Advertising (Civics)	Odyssey (Cambridge)	248-253
		7	Understanding Advertising workbook	Ratan Sagar	103-106
	November	7	Nomads and settled communities (History) Activity: Information Collection- Things sold by tribes in medieval period	Odyssey (Cambridge)	50-55
		7	Nomads and settled communities workbook	Ratan Sagar	27-30
		7	Nomads and settled communities Map book	Ratan Sagar	70-71
		8	Markets Around Us (Civics)	Odyssey (Cambridge)	254-259
		8	Markets Around Us workbook	Ratan Sagar	107-110
Unit IV	December	8	Popular Beliefs and Religious Debates (History)	Odyssey (Cambridge)	76-83
		8	Popular Beliefs and Religious Debates Work book	Ratan Sagar	31-34
		8	Popular Beliefs and Religious Debates Map book	Ratan Sagar	72
		9	The flowering of Regional Cultures (History)	Odyssey (Cambridge)	84-94
		9	The flowering of Regional Cultures workbook	Ratan Sagar	35-38
		9	The flowering of Regional Cultures Map book	Ratan Sagar	73

Unit IV		7	Human Environment: Settlements, Transportation and Communication (Geography)	Odyssey (Cambridge)	169-178	
		7	Human Environment: Settlements, Transportation and Communication Workbook	Ratan Sagar	69-72	
		7	Human Environment: Settlements, Transportation and Communication Map book	Ratan Sagar	28-34	
		8	Life in Tropical and Sub-Tropical Regions (Geography)	Odyssey (Cambridge)	180-185	
		8	Life in Tropical and Sub-Tropical Regions Workbook	Ratan Sagar	73-76	
		8	Life in Tropical and Sub-Tropical Regions Map book	Ratan Sagar	36-37	
	January	10	New Political formations in the Eighteenth Century (History)	Odyssey (Cambridge)	73-81	
		10	New Political formations in the Eighteenth workbook	Ratan Sagar	39-42	
		10	New Political formations in the Eighteenth Map book	Ratan Sagar	74-75	
		9	Life in Temperate Region (Geography)	Odyssey (Cambridge)	186-192	
		9	Life in Temperate Region Workbook	Ratan Sagar	73-76	
		9	Life in Temperate Region Map book	Ratan Sagar	38-39	
		10	Life in Desert Regions (Geography) Activity: Compare Lifestyle between Ladakh and Sahara	Odyssey (Cambridge)	193-199	
		10	Life in Desert Regions workbook	Ratan Sagar	77-80	
		10	Life in Desert Regions map book	Ratan Sagar	40-41	
		9	Struggle for Equality (Civics)	Odyssey (Cambridge)	260-264	
		9	Struggle for Equality workbook	Ratan Sagar	111-114	
		February		Revision & Yearly Examination		

Grade : VII			Subject : ICT	
Term I				
Month	Lesson no	Name of the topic	Name of the book	Page No.
April	4	Advance HTML	Popular Cyber World	36-44
June	1	Number System		1-08
July	3	MS Excel- 2013 Advanced Features		17-35
	10	Technologies in 21st century		113-120
August	7	Artificial Intelligence and Robotics		82-91
September	Half Yearly Examination			
Term II				
October	8	Introduction to Python	Popular Cyber World	92-103
November	5	Introduction to database & DBMS		47-63
December	6	Advance Databse & DBMS		64-81
	2	Computer Virus		09-16
January	9	Cyber Safety		106-112
February	Yearly Examination			

Grade : VII			Subject : Value Education			
Unit	Month	L.No	Name of the Chapter	Name of the Book	Pg.No	
Term I						
Unit I	April	1	Having Self - Respect	Lessons for Life Cambridge	07 to 11	
	June	2	Asking Questions		11 to 14	
		3	Loving Nature		15 to 18	
Unit II	July	4	Loving Everybody		19 to 22	
		5	Discriminating between Right and Wrong		23 to 26	
	August	6	Being Tolerant		29 to 33	
	September	Revision & Half Yearly Examination				
Term II						
Unit III	October	7	Being Co-operative	Lessons for Life Cambridge	34 to 37	
		8	Celebrating Humanism		38 to 41	
	November	9	Being a Leader		44 to 47	
	December	10	Being Dutiful		48 to 52	
Unit IV	January	11	Being Compassionate		Lessons for Life Cambridge	55 to 58
		12	Being Peaceful			59 to 62
	February	13	Valuing National Property			63 to 66
		14	Fighting Untouchability	67 to 72		
	Revision & Yearly Examination					

Grade : VII		Subject : Art
Term I		
Month	Topic No.	Topic
April	1	Art Book
	2	12 shade Colour wheel with cool and warm colour
June	1	Cool and Warm Colour scheme-Butterfly
	2	Symmetrical free hand Drawing.
July	1	Basic 3D Shape with oil pastel- shapes Still life
	2	Perspective one point- Chess board
August	1	Folk Art- Madhubani Painting
	2	Memory Drawing
September	Half Yearly Examination	
Term II		
Month	Topic No.	Topic
October	1	Creative Writing
	2	Cartoon face
November	1	Asymmetrical free hand drawing
	2	Landscape with Cool and Warm Colour
December	1	Book Cover Page-any Anamey or Cartoon
	2	Artist Copy drawing- V.S.Gaitonde
January	1	Design in Lamp Shade
	1	Absract drawing- Animal
February	Yeary Examination	

Grade : VII				Subject : Music
Month	Theory	Practical	Project	Events/ Celebration
Term I				
April	Definitions	1. Swar Aradhana 2. Prayer song “I Come Before You Today”	Chart Making	
June	Forms Of Swaras with Symbols	Prayer Song “Teri Hi Saas Hai Muze Mai”	Colors Of Notes	Special School Anniversary Song
July	Definition: Raag, Taal & Laya	Waving Flag		Environmental Song Dharti Ka Dil
August		Action Song Tik Tik Tik Kasam Yeh Khayega		Special Patriotic Song
September		Ganpati Song Special		Teachers Day Song “You The Ocean Of Knowledge”
Term II				
October		1. Swar Aradhana 2. Prayer song “I Come Before You Today”	Chart Making	Diwali Special Song
November	Biography Of Great Musician	Bengali Prayer Song Tumhi Maa Amaake		Children’s Day Special Song
December		Carol Singing	PPT	Christmas Day Song
January		Patriotic Song		Republic Day Song
February		General Song		

Grade : VII		Subject : Physical Education
Months	Content / Activity	Particulars
Term I		
April	Combined Activities, Selection for DSO, CBSE, NMASA and other Tournaments. (Team Formation)	Basic skill, techniques and game practice.
June	Dodge ball, Badminton, Football and Standing Exercise. Battery test (Fitness) PPT on Badminton.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules.
July	Dodge ball, Football, Carrom, and Drill and Marching. Battery test (Fitness) PPT on Football.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules. (Independence day and Investiture Ceremony practice.)
August	Football, Table Tennis, Dumbles, Standing Exercise and Drill and Marching. Battery test (Fitness) PPT on Table Tennis.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules.
September	Volleyball, Badminton, Table Tennis, Dumbles, Standing Exercises and Drill and Marching. PPT on Volleyball.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules.
Term II		
October	Athletics, Badminton, Drill and Sitting Exercises and Throwball. PPT on Athletics.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules.
November	Basketball, Athletics, Sitting Exercises and Throwball. PPT on Basketball.	Basic skill, techniques and game practice. Jumping and Throwing Events. Measurement of Field / Court and Rules.
December	Volleyball, Basketball, Drill and Marching, Throwball and Athletics. PPT on Throwball.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules. (Republic day Practice.)
January	Annual Sports Day, Republic Day Celebration. Battery test (Fitness)	Annual Sports.
February	Volleyball, Basketball, Drill and Marching, Throwball and Athletics.	Basic skill, techniques and game practice. Measurement of Field / Court and Rules.
March	II Summative Exams and Summer Camp.	Recreational Games.