

नवोदय विद्यालय समिति, नोएडा					
पाठ्यक्रम विभाजन सत्र 2019-20					
विषय हिन्दी 'अ'			कक्षा-6		
क्र० सं०	माह	पाठ का नाम	विषय संवर्धन / क्रियाकलाप	अंकभार	टिप्पणी
1	अप्रैल / जून 2019	बसंत भाग-1 1-वह चिड़िया जो-केदार नाथ अग्रवाल 2-बचपन-कृष्णा सोबती 3-नादान दोस्त-मुंशी प्रेम चन्द बालराम कथा:- अवधपुरी में राम 2-जंगल और जनकपुर व्याकरण-लिंग, वचन, काल वर्तनी संज्ञा, पत्र लेखन, अपठित सं०	1-पारंपरिक एवं आधुनिक परिधानों के पहनावे एवं रख-रखाव पर चर्चा की जाएगी। 2-लिंग, वचन काल से संबंधित चार्ट 3-प्रतिदिन एक सुलेख		
2	अगस्त 2019	4-चौद से थोड़ी गप्पें-शमशेर बहादुर सिंह 5-अक्षरों का महत्व-गुणाकर मूले 6-पार नजर के-जयंत विष्णु नार्लेकर बाल रामकथा - 3-दो वरदान 4-राम का वन गमन व्याकरण- भाषा व उसके प्रकार वर्ण विचार, शब्द विचार, निबन्ध, लेखन अपठित का०	1-अन्य भाषाओं अक्षरों से निर्मित वाक्यों का हिन्दी भाषा में अनुवाद करें (चार्ट पर) 2- हिन्दी वर्णमाला एवं उच्चारण स्थान पर चर्चा की जाएगी।	1-आवधिक टेस्ट लिखित अंक 10 2-विषय संवर्धन अंक-5 3-नोट बुक आंकलन अंक-5	प्रथम आवधिक परीक्षा
3	सितम्बर 2019	7-साथी हाथ बढ़ाना-साहिल लुधियानवी 8-ऐसे-ऐसे-विष्णु प्रभाकर एक दौड़ ऐसी भी(पढ़ने के लिए) 9-टिकट एलबम- सुन्दरा राम स्वामी बाल रामकथा- चित्रकूट में भरत दंडक वन में दस वर्ष व्याकरण- प्रत्यय, उपसर्ग संज्ञा सर्वनाम, विश्लेषण	01-विभिन्न देशों के डाक टिकट अथवा झंडों से सम्बन्धित स्क्रेप बुक बनाना। 02-एकता से सम्बन्धित कहानी लेखन		
पाठ्यक्रम का संक्षिप्त पुनः अध्ययन					
4	अक्टूबर 2019	10-झाँसी की रानी-सुभद्रा कुमारी चौहान 11-जो देखकर भी नहीं देखते (छूना और देखना)-हेलन केलर बाल राम कथा- सोने का हिरन सीता की खोज व्याकरण- क्रिया, कारक	1- भारत की वीरांगनाओं की सूची तैयार करना। 2-छात्र अपने घर अथवा गाँव में किसी दृष्टिहीन व्यक्ति से उसके अनुभव साझा कर उन्हें लेखें।		

5	नवम्बर 2019	12-संसार पुस्तक है-पंडित जवाहर लाल नेहरू 13-मैं सबसे छोटी होऊँ-सुमित्रा नन्दन पंत बाल रामकथा - राम और सुग्रीव लंका में हनुमान। व्याकरण- शब्द सम्पदा	1-छात्रों को अपने वचन की खट्टी मीठी यादों को कक्षा में आपस में साझा करना। 2-बीस अशुद्ध वाक्यों को शुद्ध करके चार्ट पर लिखना		
6	दिसम्बर 2019	14- लोकगीत-भगवत शरण उपाध्याय 15-नौकर- अनु बंदोपाध्याय बाल रामायण-लंका विजय व्याकरण- पुनरावृत्ति (छात्रों की आवश्यकतानुसार)	01-गाँव में विवाह के अवसर पर गाए जाने वाले पॉच लोकगीतों को संकलन करे।	1-आवधिक टेस्ट लिखित 10 अंक परीक्षा 2- विषय संवर्धन अंक-05 03-नोट बुक आकलन अंक -05	द्वितीय आवधिक परीक्षा
		<b>द्वितीय आवधिक परीक्षा के पाठ्यक्रम का विद्यार्थियों की आवश्यकतानुसार पुनः अध्ययन</b>			
07	जनवरी 2020	16- सौंस-सौंस में बौंस -एलेक्स एम जॉर्ज 17-वन के मार्ग में-तुलसीदास बाल रामकथा - राम का राज्यभिषेक व्याकरण-वाक्य अशुद्धि व संशोधन, मुहावरे	बौंस का प्रयोग किन-किन राज्यों में होता है व बौंस से बनने वाली वस्तुओं की सूची तैयार करना		
8	फरवरी 2020	17-मत बॉटो इंसान को-विनय महाजन अनुच्छेद विद्यार्थियों की आवश्यकतानुसार पुनरावृत्ति एवं काठिन्य निवारण			
9	मार्च 2020	विद्यार्थियों की आवश्यकतानुसार पुनरावृत्ति एवं काठिन्य निवारण		लिखित अंक 80	वार्षिक परीक्षा
		विशेष-वार्षिक परीक्षा में अर्धवार्षिक परीक्षा पाठ्यक्रम का 20 प्रतिशत पाठ्यक्रम पूछे जाएंगे जिसे शिक्षक स्वयं अपने स्तर से पूछ सकते हैं।			

**नोट-**

01-प्रथम एवं द्वितीय सत्र में विषय संवर्धन, बोलना व सुनना 05 अंक का होगा जिसे शिक्षक अपनी सही शब्दावली एवं व्याकरण से सम्बन्धित कोई भी किया स्वेच्छा स करा सकता है।

03-नोट बुक की जाँच प्रत्येक माह की जाएगी।

**निर्धारित पाठ्य पुस्तकें -**बसंत भाग एक ( एन.सी.ई.आर.टी. द्वारा प्रकाशित )  
बाल राम कथा ( एन.सी.ई.आर.टी. द्वारा प्रकाशित )  
व्याकरण ( एन.सी.ई.आर.टी. द्वारा प्रकाशित )

**Note:** For Term-II / Yearly-Examination Question-Paper consisting of 10% of 1<sup>st</sup> term covering significant topics + entire syllabus of 2<sup>nd</sup> term.

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नवोदय विद्यालय समिति, नोएडा  
पाठ्यक्रम विभाजन सत्र- 2019-20

कक्षा-06

विषय- हिन्दी (कोर्स-ब)

माह	कार्य दिवस	अंक भार	पाठ का नाम/ निर्धारित विषयवस्तु (इकाई)	टिप्पणी
जुलाई 2019	27	1. परियोजना कार्य (15) 2. वार्तालाप (15) 3. प्रदत्त कार्य (10) 4. गृह कार्य (10)	प्रथम –सत्र वर्णमाला, बारहखड़ी, संयुक्ताक्षर, दूर्वा भाग-1: 1. शब्द बनाने की विधि (उदा.: कलम, किताब, घर, पतंग, भालू, झरना, धनुष, आदि) 2. देवनागरी में संख्या लेखन व्याकरण: 1. स्वर और व्यंजन 2. लिंग 3. वचन	आवधिक परीक्षा -1.
अगस्त 2019	25		दूर्वा भाग - 1: 1. रुमाल, 2. कक्षा, 3. गुब्बारा, 4. पर्वत, 5. हमारा घर, 6. कपड़े की दुकान में, 7. जी हाँ, जी नहीं, का प्रयोग व्याकरण: 1. विलोम शब्द, 2. अनेक शब्दों के लिए एक शब्द, 3. 'र' के विभिन्न रूप।	
सितंबर 2019	24	1. अपठित गद्यांश/ पद्यांश(10) 2. पठित गद्यांश/ पद्यांश(10) 3. रचना कार्य (10) 4. व्याकरण (20) 5. पाठ्य पुस्तक (40)	दूर्वा भाग-1: 1 फूल 2. बातचीत पूर्व पठित पाठ्यक्रम की पुनरावृत्ति एवं अर्धवार्षिक परीक्षा	अर्धवार्षिक परीक्षा
द्वितीय – सत्र				
अक्टूबर/ नवंबर	27		दूर्वा भाग- 1: 1 शिलांग से फ़ोन 2 तितली (कविता) –नर्मदा प्रसाद खरे 3 ईश्वरचंद्र विद्यासागर व्याकरण : सर्वनाम	

दिसंबर 2019	25	<ol style="list-style-type: none"> <li>परियोजना कार्य (15)</li> <li>वार्तालाप (15)</li> <li>प्रदत्त कार्य (10)</li> <li>गृह कार्य (10)</li> </ol>	<p>दूर्वा भाग- 1:</p> <ol style="list-style-type: none"> <li>प्रदर्शनी</li> <li>चिट्ठी (कविता) – प्रकाश मनु</li> <li>यात्रा की तैयारी</li> <li>डॉक्टर</li> </ol> <p>व्याकरण : अपठित गद्यांश, नमूने के अनुसार बदलो</p>	आवधिक परीक्षा 2
जनवरी 2020	23		<p>दूर्वा भाग- 1:</p> <ol style="list-style-type: none"> <li>अंगुलिमाल (बोध कथा)</li> <li>हाथी (कविता) – सर्वेश्वर दयाल सक्सेना</li> <li>जयपुर से पत्र</li> </ol> <p>व्याकरण : अनुच्छेद लेखन</p>	
फरवरी 2020	25	<ol style="list-style-type: none"> <li>परियोजना कार्य (15)</li> <li>वार्तालाप (15)</li> <li>प्रदत्त कार्य (10)</li> <li>गृह कार्य (10)</li> </ol>	<p>दूर्वा भाग- 1:</p> <ol style="list-style-type: none"> <li>बढ़े चलो (कविता)– द्वारिका प्रसाद माहेश्वरी</li> <li>व्यर्थ की शंका</li> <li>गधा और सियार</li> </ol> <p>व्याकरण: 1.अनेक शब्दों के लिए एक शब्द, 2 पत्र</p>	
मार्च 2020	23	<ol style="list-style-type: none"> <li>अपठित गद्यांश/ पद्यांश(10)</li> <li>पठित गद्यांश/ पद्यांश(10)</li> <li>रचना कार्य (10)</li> <li>व्याकरण (20)</li> <li>पाठ्य पुस्तक (40)</li> </ol>	<p>पूर्व पठित पाठ्यक्रम की पुनरावृत्ति एवं वार्षिक परीक्षा</p>	

**Note:** For Term-II / Yearly-Examination Question-Paper consisting of 10% of 1<sup>st</sup> term covering significant topics + entire syllabus of 2<sup>nd</sup> term.

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**NAVODAYA VIDYALAYA SAMITI-NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

CLASS: VI

SUBJECT: ENGLISH

MONTH	NO. OF DAYS	PERIODS	TESTS	UNITS/SUB TOPICS TO BE COVERED		ACTIVITIES /ASSIGNMENTS
				HONEY SICKLE	GRAMMAR & COMPOSITIONS	
				A PACT WITH THE SUN		
July	26	20	Periodic Test – I	<b>POETRY</b> 1.A House, A Home <b>SUPPLEMENTARY READER</b> 1.A Tale of Two Birds <b>PROSE</b> 1. Who Did Patrick's Homework?	1. Articles – a, an, the 2. Parts of Speech 3. Forms of verbs 4. Basic sentence structures 5. Verbs: subject verb agreement 6. Use of “one of the...” 7. Paragraph writing on simple topics eg: I like /dislike homework	1. Recite nursery rhymes and action songs. 2.Discussion on topics like ‘Pets’, ‘Home’ 3. Explain cartoons/ pictures. 4. Cross word puzzles
August	25	33		<b>PROSE</b> 2. How the Dog Found Himself a New Master! <b>POETRY</b> 2.The Kite 3.The Quarrel <b>SUPPLEMENTARY READER</b> 2.The Friendly Mongoose 3.The Shepherd's Treasure	1.Adjectives – Degrees of Comparison 2.Antonyms 3.Collective Nouns 4. Poetic devices (Simile) 5. Forming nouns by adding suffixes 6.Writing stories using hints 7. Comprehension of unseen passages 8. Summarizing 9. Informal Letters	1. Listen to Panchathantra stories / Aesop's Fables 2. Describe a fight with your sibling / friend 3. Narrate stories to the class 4. Write your own stories. 5. Make a kite and describe the process.
September	15	20		<b>PROSE</b> 3.Taro's Reward 4.An Indian American Woman in Space- Kalpana Chawla <b>POETRY</b> 4.Beauty <b>SUPPLEMENTARY READER</b> 4.The Old-Clock Shop	1. Use of prefixes to form antonyms. 2. Use of conjunctions eg: though 3. Framing questions 4.Fomal letters a) To school authorities b) Application for leave 5. Rhyming words 6.Paragraph writing on ‘Beauty’ 7. Reading with the right pauses the poem “Beauty” 8. Introducing the English that exist around the world, especially British and American	1. Listen to the stories of great men and women. 2. Speak about your favorite scientist/ astronaut. 3. Collect an interesting news report and frame questions based on it. 4. Make own sentences with the given phrases. 5. Tongue twisters 6. Compare stories. 7. Present programmes in the moming assembly 8. Make a list of words which are spelt differently in British and American English.
Half Yearly Exam						

October/November	25	33		<b>PROSE</b> 5. A Different Kind of School 6. Who I Am <b>POETRY</b> 5. Where Do All the Teachers Go? <b>SUPPLEMENTARY READER</b> 5. Tansen 6. The Monkey and the Crocodile	1. One word for a group of words 2. Rearrange jumbled words into sentences 3. Re-ordering of sentences 4. Phrasal verbs 5. Yes / No questions 6. Simple Past 7. Simple Present 8. Learn the use of dictionary	1. Listen to stories of success of differently abled persons. 2. Speak about your favourite day / activity, your dream school etc. 3. Speak about multiple intelligences to your 4. Identify your intelligences and find out the careers that would match your intelligences. 5. Create your own dictionary
December	22	16	Periodic Test – II	<b>PROSE</b> 7. Fair Play 8. A Game of Chance <b>POETRY</b> 6. The Wonderful Words <b>SUPPLEMENTARY READER</b> 7. The Wonder Called Sleep 8. A Pact with the Sun	1. Framing questions 2. Using the same word as Noun & Verb 3. Use of 'there' and 'it' as subject 4. Homonyms 5. Past Continuous Tense 6. Present Continuous Tense 7. Dialogue writing	1. Listen to commentaries, famous speeches etc, 2. Role Plays 3. Conversations 4. Describe a Village Fair. 5. Play a word game. 6. Discuss how words and language make us powerful.
January	22	30		<b>PROSE</b> 9. Desert animal <b>POETRY</b> 7. Vocation <b>SUPPLEMENTARY READER</b> 9. What Happened to the Reptiles?	1. Use of 'has to' / 'have to' / 'had to' 2. Adjectives – Superlative Degree 3. Present Perfect Tense 4. Past Perfect Tense	1. Listen to news broadcasts in English 2. Prepare, in groups, a profile of desert animals. 3. Read about different types of deserts as well as places like Ladak. 4. Discuss a child's view on the dignity of labour.
February	25	33		<b>PROSE</b> 10. The Banyan Tree <b>POETRY</b> 8. What if <b>SUPPLEMENTARY READER</b> 10. A Strange Wrestling Match	1. Integrated Grammar Practice 2. Paragraph writing 3. Comprehension of unseen Passages 4. Adjectives – Comparative Degree 5. Active and Passive constructions.	1. Watch children's movies in English. 2. Present small skits in the class. 3. Describe any interesting match played in your school. 4. Write a poem based on your 'what ifs'
March	REVISION & YEARLY EXAMINATION					

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**NAVODAYA VIDYALAYA SAMITI-NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

CLASS: VI

SUBJECT: MATHEMATICS

Month	No. of days	No. of periods	Weightage	Units / Sub Units to be taught	Assignment /Activity
June/ July	25	25	14	<u>Basic Fundamental Operations of Mathematics at Primary level.</u>  <b>KNOWING OUR NUMBERS</b>  Comparing Numbers, Shifting digits, Indian system & International system of numeration, Estimation of numbers, Estimating outcomes of number situation, Using brackets and expanding brackets, Roman numbers  <b>WHOLE NUMBERS</b> Number line, Addition, Subtraction, Multiplication of whole number, Properties of Whole numbers & Pattern in Whole numbers.  <b>PWT I</b>	I & II Activities & assignment 1
August	24	24	15	<b>PLAYING WITH NUMBERS</b>  Factors and Multiples, Primes, Composite, Even and Odd numbers, Sieve of Eratosthenes. Test for divisibility of numbers by 2,3,4,5,6,8,9,10 and 11. Common factors and common multiples, Prime factorization, H.C.F and L.C.M  <b>BASIC GEOMETRICAL IDEAS</b>  Points, Line segments, Intersecting Lines, Parallel lines, Ray, Curves. Open & Closed figures, Interior and exterior of closed figures, Polygon, Angles, Triangles, Quadrilaterals and Circles  <b>UNDERSTANDING ELEMENTARY SHAPES</b>  Measuring line segments, Types of angles, Intersecting & Perpendicular lines, Parallel lines, Measuring angles. Classification of triangles based on sides and angles. Types of Quadrilaterals, Identification of 3-D shapes, Element of 3-D figure.	III & IV activities & assignment 2
September	22	22	08	<b>SYMMETRY</b> Making symmetric figures, Figures with two lines of symmetry, Reflectional symmetry, Application of Reflectional symmetry. Revision & Half yearly examination	

October/ November	26	26	12   10   10	<p><b>INTEGERS</b> How negative number arise, Models of negative number in daily life, connection to ordering of integers, Addition and subtraction of integers, Addition &amp; subtraction of integers using number line.</p> <p><b>FRACTIONS</b> A fraction, fraction on a number line, Proper, Improper &amp; Mixed fraction, Equivalent fraction &amp; Composition of Fraction, Addition and subtraction of fractions, Word problems involving addition and subtraction of fractions.</p> <p><b>DECIMALS</b> Inter conversion of fraction and decimals, Place value in context of decimal fraction, Comparing decimals, Addition, Subtraction of numbers with decimals, use of decimals in our daily life.</p>	V & VI activities and Assignment 3
December	22	22	10  09	<p><b>DATA HANDLING</b> What is data? Organization of data, Pictograph, Interpretation and drawing of a pictograph, Bar graph, Interpretation and drawing of a bar graph. Concept of Pie-Diagram.</p> <p><b>ALGEBRA</b> Match stick patterns, The idea of a variable &amp; examples, Use of variables in common rules Expression with variables, Using expression practically, Equation and solution.</p>	PWT-II  VII & VIII Activities and assignment 3
January	25	25	12  09	<p><b>Mensuration</b> Introduction, Perimeter of a rectangle, square, equilateral triangle, Areas of rectangle and squares, Deducing the formulae of the perimeter for a rectangle and square through pattern and Generalization.</p> <p><b>RATIO AND PROPORTION</b> Ratio and Proportion, Unitary method, Word Problems.</p>	IX & X activities and assignment 4
February	20	20	08	<p><b>PRACTICAL GEOMETRY</b> Construction of circles, Drawing a line segment. Construction of perpendicular bisector of a line segment, Drawing a line perpendicular to a given line from a point. i) On the line ii) Outside the line. Constructing an angle of a given measure.</p> <p><b>REVISION</b></p>	
March				<b>REVISION &amp; ANNUAL EXAMS.</b>	

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**NAVODAYA VIDYALAYA SAMITHI-NOIDA**  
**SPLIT UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

**CLASS:VI**

**SUBJECT: SCIENCE**

					Examination
S.No	MONTH	TOPICS TO BE COVERED UNIT/SUB UNITS	PERIODS REQUIRED	WEIGHTAGE	PERIODIC TEST
Periodic Written Test 1 / Yearly Examination					
1	JULY	1. Food where does it comes from	8	5	1st Periodic Test
		2. Components of food	8	6	
2	AUGUST	3. Fibre to fabric	10	10	Half yearly Exam.
		4. Sorting of materials into group	10	10	
3	SEPT.	5. Separation of materials	8	8	
		6. Changes Around us	7	5	
Half yearly / TERM TEST-1					
TERM-II SYLLABUS					
4	OCT/ NOV	7. Getting to know the plants	6	6	2 <sup>nd</sup> Periodic Test
		8.Body movements	6	6	
5	DECEMBER	9. Living organism & their surrounding	8	6	
		10. Motion & measurement of distance	8	5	
		11. Light shadow & Reflection	8	5	
6	JANUARY	12. Electricity and circuit	6	4	
		13 Fun with magnet.	6	4	
		14. Water	5	4	
7	FEB.	15.Air	8	4	
		16. Garbage in Garbage out	6	3	
8	MARCH - REVISION - Pen paper test Quiz, Card test Slip test, Oral test				
<b>Note:</b> For Term-II / Yearly-Examination Question-Paper consisting of 10% of 1 <sup>st</sup> term covering significant topics + entire syllabus of 2 <sup>nd</sup> term.					

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**NAVODAYA VIDYALAYA SAMITI-NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

**CLASS: VI****SUBJECT: SOCIAL SCIENCE**

S.NO.	MONTH	NO.OF DAYS	PERIODS AVAILABLE	UNITS/SUB UNIT TO BE COVERED	PERIODS REQUIRED	TEST/EXAM
01	April/ June	25	20	What Where How and When?	7	Periodic Written Test-I
				The Earth In The Solar System	7	
				Understanding Diversity	6	
02	July	27	23	On the Trail OfThe Earliest ,People	6	
				Globe :Latitude And Longitude	6	
				Diversity And Discrimination	5	
				From Gathering To Growing Food	6	
03	August	25	22	Motions of the Earth	6	
				What Is Government?	6	
				In the Earliest Cities	6	
				Maps	4	
04	September	23	15	What Books and Burials Tell Us	6	Half Yearly Exam
				Kingdom , King And Early Republics	6	
05	Oct/Nov	26+	22+	Key Elements Democratic, Government	5	
				Major Domains OfThe Earth	4	
				New Questions And Ideas	5	
				Panchayati Raj	5	
				Ashoka, The Emperor Who Gave Up War	5	
06	December	25	22	Vital Villages ,Thriving Towns	5	Periodic Written Test-II
				Major Land Froms OfThe Earth	5	
				Rural Adminstration	5	
				Urban Administration	4	
				Traders ,Kings And Pilgrims	3	
07	January	22	20	New Empires And Kingdoms	5	
				Our Country-India	4	
				Rural Livelihood	5	
				Urban Livelihood	5	
08	February	24	20	Building, Paintings And Books	5	
				India Climate,Vegetation And Wild Life	6	
09	March	Revision				Yearly Exam
1. 20 Marks for Periodic Assessment A. 10 Marks for PWT-II B. 5 Marks for Note Book Submission C. 5 Marks for Subject Enrichment Activity 2. 80 Marks for Yearly Examination					Total 100 Marks	

**Note:** For Term-II / Yearly-Examination Question-Paper consisting of 10% of 1<sup>st</sup> term covering significant topics + entire syllabus of 2<sup>nd</sup> term.

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**NAVODAYA VIDYALAYA SAMITHI, NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACDEMIC YEAR 2019-20**

CLASS: VI

SUBJECT: COMPUTERS

S.No.	MONTH	NO. OF DAYS	UNITS/SUB UNITS TO BE COVERED	PERDS REQUIRD	TESTS	ACTIVITY
01	July	24	<b><u>COMPUTER BASICS</u></b> <ul style="list-style-type: none"> <li>• What is a Computer?</li> <li>• Benefits of computer.</li> <li>• History of Computer.</li> <li>• Components of a Computer.               <ul style="list-style-type: none"> <li>a) Hardware components.</li> <li>b) Software components.</li> <li>c) Output and input devices</li> </ul> </li> <li>• Features of the Computers. Strengths and Limitations of Computers</li> <li>• Computer memory.</li> <li>• Storage Devices and their importance</li> <li>• Different types of printers</li> <li>• Introduction to Artificial Intelligence</li> <li>• Types of Computer Languages</li> <li>• Generation of Computers:               <ul style="list-style-type: none"> <li>○ first generation</li> <li>○ second generation</li> <li>○ third generation</li> <li>○ fourth generation</li> <li>○ fifth generation</li> </ul> </li> </ul>	08	Periodic test-1	Showing devices in Computer Lab
02	August	26	<b><u>INTRODUCTION TO WINDOWS</u></b> <ul style="list-style-type: none"> <li>• Operating System</li> <li>• Exploring the desktop.</li> <li>• Exploring My Computer</li> <li>• Exploring Windows</li> <li>• Applications of Windows</li> <li>• Data management on Computers</li> <li>• Introduction of Linux Operating System.</li> </ul>	08		Types of operating systems Display on Internet

03	September	24	<b><u>INTRODUCTION TO LOGO</u></b> <ul style="list-style-type: none"> <li>• Introduction to Logo.</li> <li>• The turtle logo's prompt</li> <li>• Application of logo</li> <li>• Exploring logo window</li> <li>• Turtle basics</li> <li>• Basic logo commands</li> <li>• Entering logo basics</li> <li>• Introduction to write procedures Mathematical functions in logo</li> </ul>	08		Practical showing use of logo
<b>HALF YEARLY EXAMINATION</b>						

04	Oct/Nov.	31	<b><u>USING PAINT BRUSH</u></b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Introduction to 3D paint Brush</li> <li>• How to start paint brush</li> <li>• Home tab</li> <li>• Image menu command. <ul style="list-style-type: none"> <li>a) Flip /rotate.</li> <li>b) Stretch/Skew</li> <li>c) Invert Colours</li> <li>d) Attributes.</li> </ul> </li> <li>• Clear Image..</li> <li>• Pencil,eraser,fill with colour,pick colour,brush,air brush,Text tool, shapes, magnifier</li> </ul>	08		Practical showing use of PAINT
05	December	25	<b><u>NOTE PAD</u></b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Menu commands <ul style="list-style-type: none"> <li>a) File.</li> <li>b) Edit.</li> <li>c) Search.</li> <li>d) Format</li> <li>e) Word Wrap.</li> <li>f) Font.</li> <li>g) Help</li> </ul> </li> </ul>	08	Periodical test-2	USES OF NOTE PAD

<b>06</b>	<b>January</b>	<b>21</b>	<b>NOTEPAD ( CONTINUED)</b> Options menu command. a) Edit colours, b) Get colours. c) Save colours. <ul style="list-style-type: none"> <li>• Draw Opaque.</li> <li>• Help</li> <li>• Colour, Pallete Drawing Tools</li> </ul>	<b>08</b>		<b>USES OF NOTE PAD</b>
<b>07</b>	<b>15<sup>th</sup> February</b>	<b>13</b>	<b>MS WORD</b> <ul style="list-style-type: none"> <li>• Introduction to MS WORD.</li> <li>• Steps for starting WORD.</li> <li>• Components of WORD Screen.</li> <li>• Creating a new document.</li> <li>• Opening an existing WORD Document.</li> <li>• Word processing.</li> <li>• Important features of MS Word..</li> <li>• Editing in MS WORD.  a) Typing text.  b) Selecting the text.  c) Copy, cut, paste the text  d) Deleting the text.  e) Saving the document.</li> <li>• Printing of documents</li> <li>• Introduction to Internet and its importance</li> </ul>	<b>08</b>		<b>OPERATING SYSTEM WITH HELP KEY BOARD WITH OUT USING MOUSE</b>
<b>08</b>	<b>March</b>		<b>Revision</b>	<b>Yearly Exam.</b>		

**Note:** For Term-II / Yearly-Examination Question-Paper consisting of 10% of 1<sup>st</sup> term covering significant topics + entire syllabus of 2<sup>nd</sup> term.

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## NAVODAYA VIDYALAYA SAMITI-NOIDA

### SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20

CLASS: VI

SUBJECT: ART (VISUAL)

MONTH	NO.OF DAYS	PERIODS AVAILABLE	TOPICS TO COVER	MEDIUM / MATERIALS
JUNE / JULY		8	<b>DEFINITION OF FINE ARTS :</b> Visual Art & Performing Arts Importance of Art Education in Daily Life Pencil Drawing from Daily Life related topic Discussion about the Traditional Art and show few Examples of Paintings to students and discussed with them	Pencil
AUGUST		8	<b>INTRODUCTION TO DIFFERENT TYPES OF ART MATERIALS</b> <b>Example: Pencil</b> Crayon Poster Colour Fabric Colour Glass Colour Acrylic Colour Oil Colour Presentation may be made <b>UNDERSTANDING ELEMENTS OF ARTS :</b> Theory and practical both should be learnt by students simultaneously. <b>i. Lines</b> Types and characteristics of line: Straight lines, Curve lines, Horizontal lines, Vertical line, circular & Angular lines,  Examples of different types of lines and its effective use from Traditional and contemporary paintings. <b>ii. Colour</b> Primary, secondary and tertiary colours. Students can prepare colour wheel and simple Compositions by using primary, secondary and tertiary colour <b>iii. Form</b> - different types of forms - man made forms - geometrical forms Students should be encouraged to observe Traditional Paintings Drawings Designs to understand various treatments of lines & forms in their surroundings and their relationship with Form and the given Space.	Different Mediums

SEPTEMBER		8	<b>UNDERSTANDING BASIC SHAPES:</b>  Students can see the geometrical forms in their surroundings of Vidyalaya. Observe the Compositional Creative Possibilities by using Basic shapes like circle, triangle, rectangle, square, hexagon, octagon etc. They may be asked to prepare a Picture composition by the effective use of Geometrical forms.	Poster / Water Colour
OCTOBER			<b>TERM 2</b> <b>Group Activity: Permit the Students to create one Garden /Art Installations /3D Compositions in the Campus</b> <b>With shaping Grass/ Plants/ Rocks/Bricks etc.</b>	
NOVEMBER		8	<b>UNDERSTANDING 2DIMENTION &amp; 3DIMENTION COMPOSITION IN ART</b> <b>Example:</b> How to prepare 3D modeling Prepare simple Pots, Forms, Designs by using Clay /Paper pulp/ Plaster of Paris/M-seal/ Cement or any kind of objects can be use for Making the 3D Modeling Call the local expert/ resource person/ potter to demonstrate students, remuneration may be paid from the Vidyalaya. <b>Theory-</b> Indus valley civilization Show the items of Indus valley civilization like coin, ball, dancing girl, read etc. A video presentation/Photos/ through computer / books.	Clay / Paper Pulp / Pop / Any Other If Available with Art Room and Separate space for Sculpturing
DECEMBER		8	<b>UNDERSTANDING ELEMENTS OF ARTS :</b> <b>iv. Texture</b> What is texture – in an object by touching and visual appearance? Students may be asked to collect different textures and make it on paper by rubbing pencil (technique of frottage) How printing takes place, specially block printing? What is block?  They can be given exercise of printing with colours using actual objects such as, coin, rough surfaces of leaves and trees, pieces of vegetable like potato, ladyfinger etc. and asked to find different kinds of forms <b>v. Space</b> What is space virtually and visually? This can be explained by taking students in an open ground/ space and by showing them some of the paintings by Indian artists and explain space. They can be now given exercises. The students may be instructed to prepare Digital Greeting Card( By using any free Photo editing Software like Paint Brush, Gimp , Ink scape etc. and the same may be printed with the help of Inkjet/ Laser Printer available in the Art Room/ School Computer Lab	Different Mediums

JANUARY		8	<b>CRAFT WORK:</b> (a) What is craft. (b) Paper craft (c) Short brief of paper craft. (d) Wastage materials. A Small workshop can be Arranged with the help of a local Craftsman from the nearby area as per the fund availability	Any Materials Suitable But Should Be Non Toxic
FEBRUARY		8	<b>UNDERSTANDING BASIC DESIGN IN ART :</b> Concept of design is very important for creating any art work (geometric & freehand) design can be in colour , monochrome as well as multi colour, Students are to be instructed to design appropriate design in every object in their painting/Sculpture to beautify the art work unique.	Pencil/Paper/ Pen/Poster colour / Water Colour /Clay/stencil/ / Ink etc. canbe used

### CBSE GUIDELINES

Secondary School Curriculum-Vol-1-2014 OF CBSE / Page 242-246

#### ART EDUCATION

##### RATIONALE

Art education constitutes an important area of curricular activity for the development of the wholesome personality of the learners. Art is a process of fulfillment running through every aspect of life and it goes on in a creative, productive and joyful manner. Art education helps to explore various means of communication (verbal and non-verbal). It encourages to develop creative expression and sharpens senses through keen observation of the environment. **It helps to discover preferences through exposition to variety of material and identify the personal form and style of expression. It develops awareness of various art forms in and around the environment and locality and develops skills in the use of various tools, instruments and other art materials in the process of experimentation and exploration.** In the process of discovering space, organization, colours, forms, lines, texture, movement, sound etc., learners develop a sense of organization and a sense of design which inculcates in them a sense of order with regard to their personal appearance, home, school and community. It also develops aesthetic sensibilities and respect for social values and cultural heritage. The idea of creative art involves all the elements of commonly known art forms-visual, performing and language arts, namely music, dance, drama, drawing and painting, modelling and sculpture, or construction work, pottery and ceramic work, poetry and creative writing and other connected craft forms.

##### OBJECTIVES

The objectives of art education are to :

- \* help learners to consolidate past experiences and knowledge;
- \* **introduce learners to different media and techniques and their use for creative and productive expression for common use.**
- \* provide opportunities for development of awareness about folk arts, local specific arts and other cultural components leading to an appreciation of national heritage;
- \* assist learners to use artistic and aesthetic sensibility in day-to-day life situation;
- \* enable learners to achieve a balanced growth as a social being in tune with our culture through projects work.
- \* get acquainted with the life and work of the local artists/artistes;
- \* use resourcefully locally available material to make different products (objects) with the help of the community;
- \* refine the sense of appreciation of the beauty of nature through the basic elements of art forms;

##### APPROACH TO ART ACTIVITIES

At the secondary stage, art education is closer to the local folk art and craft and folk theatre.

Art is not only to always blindly copy the old masters or copying the teacher's work in a rigid manner but to help learners express themselves in creative and imaginative ways. Creative arts cannot be a substitute of Work Education under which a few artistic activities may be conducted but the approach and product would be different.



In the interest of the learner, as far as possible, all the media of creative arts may be placed before them to selection one form or a combination of art forms. These are :

### **VISUAL ARTS**

- \* Two-dimensional or Pictorial
  - Drawing and Painting
  - Collage Making
  - Printing Making
  - Photography
  - Computer graphics (Wherever possible)
- \* Three-dimensional
  - Clay modelling and pottery
  - Carving and sculpture
  - Construction

Art is about creative expression of the learners, uniquely contributed by each one. Studying the works of famous artists of the past or present is undertaken to orient the learners to varied expressions. Replicating a copying either the Master or the teacher will check the imagination of the students and therefore must be avoided in all cases.

### **PERFORMING ARTS**

- \* Music (Vocal, Instrumental)
- \* Movement and Dance
- \* Creative Drama and Puppetry
- \* Creative Writing and Poetry

### **SOURCES FOR ART TEACHING**

The arts programme in schools must reflect the ethos of the region. Artistic expression in music, poetry, dance theater and in the creation of forms have been part of human life from the very beginning. It is an integral part of human existence. **Exposure to the local environment and arts must be treated as an essential activity of the school art programme.** Besides individual expression, the arts provide an opportunity to the learners to study and appreciate the contributions made in the past and present. By learning to appreciate music, painting, dance and theatre, students develop aesthetic sensibility and sensitivity to understand people from other cultures. To build a harmonious society, a productive nation or a world, requires making learners familiar with the tradition of arts of the local region. From the strength and confidence gained from the familiar, it will be possible for him/her to respect and appreciate the culture and contribution made by others. A creative expression essentially depends on the approach to create opportunities for learners to explore, imagine and communicate the same in an art form they feel confident to use. Availability of material and experts closer to the school or community can be accessed.

### **SYLLABUS**

#### **VISUAL ARTS**

When the school(s) can provide art teachers in different media the following syllabus may be adopted. Activities in terms of Materials/Media and Techniques

#### ***Two-dimensional or Pictorial Activities***

- \* Study of visual resources and means of creative expression
  - Study of lines, strokes, colours, shades, tones, textures, etc, while organizing two dimensional space with two dimensional and three dimensional shapes and forms.
  - Sketching from nature and surrounding.
  - Creative use of colours to show space, atmosphere, subjective moods
  - Creative use of perspective in spatial relationship.
  - Study of calligraphic strokes of Devnagari and Roman alphabet (Scripts)
  - Use of contrast as an expressive element of art.
  - Study and use of various media and techniques to the extent of their availability.
  - Pencil, charcoal, water colour, crayon, oil colours, poster colour and gouache, acrylic colour and other unconventional sources of colours such as vermilion, yellow and red earth, rice flour, and tools like painting brushes for water colours and oil colours, Painting

surfaces such as papers of various kinds and quality, like smooth, rough, thick, thin, etc., canvas, hardboard, simple marking cloth pasted on paper, etc.,

- Collage and mosaic work with a variety of coloured papers and coloured printed pictures/ photographs from magazines and newspapers.
- Print Making: Mono printing, Printing with wood-cut blocks, lino-cut and metal foil: serigraphy (silk screen), self-made stencil etc.
- Basic knowledge of computer graphics (wherever possible)

### **Three-dimensional or sculptural activities**

- \* Study of basic forms in clay
- Study of various materials such as clay, plaster of paris, soft-stone, wood. (blocks, twigs and branches, roots, etc.,) metal scraps, plastic sheets, wire thread, papers and cardboards, vegetables and other throw-away available materials.
- Study of natural and man-made forms, human figures, birds, animals, vegetation and other objects like household items, buildings or as desired by the students.
- Objects of day-to-day use in groups and in different settings and arrangements;

### **Assignments**

Assignments in two and three-dimensional subjective forms and utility and functional art and craft forms in different media and techniques. Painting, murals, graphics, clay modelling, woodcarving, soft-stone, Plaster Of Paris, block of brick constructions, collage mobiles, appliqué, pottery and ceramics, masks, and puppets, textile designing (including tie-dye and batik, and block printing), poster designing, lay-out illustrations and photography etc.,

### **Correlating Art Activities with Other School Activities**

- \* Construction of puppets and their costumes and improvised puppet stage or theatre, correlation with Home Science and Arts (Drama) subjects;
- \* Aesthetic organization of the physical environment by enhancing the surrounding land i.e. landscaping including plantation of trees and other flowering plants and vegetables, etc. correlating with Agriculture, Home Science and Environment Studies activities.
- \* Constructing stage setting props such as curtain, backdrops, stage lighting, improvised furniture sets, etc., designing utility (crafts) items; correlating with Work Education activities.
- \* Designing the school magazine and bulletin boards, making posters for school functions, and greeting/invitation cards, stage scenes for music, dance, drama performances, etc., correlating with applied Art activities.

Note: These activities and other group activities may emerge in project form at individual levels also.

### **Group Activities**

- \* Organization, display and exhibitions of students' periodical and sessional work.
- \* Organizing inter school art exhibitions to widen their interaction and horizon.
- \* Planning and organizing festivals and celebrations of the community, cultural evenings, musical concerts, film shows and other performances including regional and folk (traditional art forms).
- \* Participating in study visits to museums, botanical gardens, zoological garden, and art galleries and art institutions, etc., for greater awareness of the environment and cultural variations.

### **Theoretical Understanding of Art and Culture**

- \* Short notes on important aspects of Indian art and culture based on social studies. Such writing may be based on reproduction of art work printed in Textbooks.
- \* Contribution made by any one contemporary artist.
- \* Knowledge of terms: Contour, texture, graphic, form, volume, space, tone, printmaking, collage, armature, modelling in relief, mobile construction, appliqué, calligraphy, layout, poster and composition.

NCERT

Art Education as per the curriculum guidelines Ref: 1.7 National Curriculum Framework 2005 / Position Paper National Focus Group On Art, Music, Dance And Theatre / page 6 chapter 3.4 /

### **OBJECTIVES AT THE SECONDARY STAGE**

- \* Experience joy/ enjoyment.
- \* Introduce the student to new media and techniques and their use for creative expression and for making objects of common use.

- \* Provide opportunities for developing awareness about folk arts, local specific arts, and other components leading to an appreciation of national heritage and cultural diversity.
- \* Enable students to use their artistic and aesthetic sensibilities in day to day life.
- \* Get acquainted with the life and work of local artists.
- \* Develop creative expression through locally available materials with the help of community.
- \* Refine the sense of appreciation of the beauty of nature and the basic elements of art forms.

According to the Guidelines Of Secondary School Curriculum-Vol-1-2014 of CBSE Page 242-246 , Principals are requested to provide the required materials to the students by the Vidyalaya and also arrange study tour to the nearest Museum / Art Centre / National Heritage Centre which ever possible for conducting art education activities in a wide meaning.

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**NAVODAYA VIDYALAYA SAMITI-NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

**CLASS: VI**

**SUBJECT: MUSIC**

<b>JUNE-2019</b>	<b>Welcoming the students with simple songs of their choice</b>
<b>JULY-2019</b>	And introduction of basic concepts like Taala and swaras
	With the help of community songs as per NVS norms along with navodaya song
	Theory- Sapthaswaras & Aadi taala/Teental introduction
	To sruthi , swara & taala
	One regional language song
<b>AUG-2019</b>	Dwadasa swarastanamulu(12), rupaka taala introduction
	Sarliswaras 01 to 05 first speed
	Song- Ragupathi raghava rajaram (bhajan)
<b>SEP-2019</b>	Introduction to Indian Musical Instruments and their categories
	Song- Ham sub Bharatiy hai
	One regional language song
<b>OCT-2019</b>	Saraliswaras 06 to 10 first speed
	Theory- Raaga, various Taalas
	Song – sare jahase acha-hindi
	Saraliswaras- 01 to 05 second speed
<b>NOV-2019</b>	Revision of previous lessons
	Song of other language(songs from let us sing together book)
	Indian Musical Instruments and categories (continues)
	Folk song(local language)
<b>DEC-2019</b>	Theory – Sampurana and Avudava ragas briefing
	Song in other language
	Janta swaras 01 to 02 first speed
<b>JAN-2020</b>	Theory- Introduction to 72 melakartha ragas & janaka ragas
	Song- cheluvina muddina makkale- kannada language
	Janta swaras- 03 and 04 first speed
<b>FEB-2020</b>	Any one regional language patriotic song
	Evaluation –Theory and practicals

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**NAVODAYA VIDYALAYA SAMITI-NOIDA**  
**SPLIT-UP SYLLABUS FOR THE ACADEMIC YEAR 2019-20**

**CLASS: VI****SUBJECT: PHYSICAL AND HEALTH EDUCATION**

- Morning jogging and warming-up exercises and evening games to be conducted (except Sunday and holidays).
- Battery test to be conducted in the beginning and end of the year.
- Exercises should be given to develop motor quality of the child (speed, strength, endurance, coordination, and flexibility).

Month	Physical Education		Physical & Health Education- Theory
	Morning	Evening	
July	<ul style="list-style-type: none"> <li>• Jogging and warming up.</li> <li>• Free hand exercises for coordination.</li> <li>• Battery test (to analyze their ability)</li> <li>• Yogasana: Suryanamaskara, Padmasana, Parvathasana.</li> </ul>	Recreation games (Minor games).	<ul style="list-style-type: none"> <li>• Physical Fitness.               <ol style="list-style-type: none"> <li>a. Meaning of growth &amp; development.</li> <li>b. Various parts of Human body.</li> <li>c. Functioning of Human body.</li> <li>d. How do boys and girls are similar &amp; different?</li> </ol> </li> </ul>
August	<ul style="list-style-type: none"> <li>• Jogging and warming up.</li> <li>• Practice of turnings (right, left, right about) kadam taal and marching, March past</li> <li>• Free hand exercises for coordination.</li> <li>• Yogasana: Suryanamaskara, Baddhapadmasana, Vrikshasana.</li> </ul>	<ul style="list-style-type: none"> <li>• Selecting students to appropriate games and sports based on battery test analysis.</li> <li>• Initiation of practice.</li> </ul>	<ul style="list-style-type: none"> <li>• Leaders and Followers               <ol style="list-style-type: none"> <li>a. To be ready for instruction</li> <li>b. Ability to impart or follow instructions</li> <li>c. Making students to form the desired formation &amp; perform some kind of group activity</li> </ol> </li> </ul>
September	<ul style="list-style-type: none"> <li>• Jogging and warming up.</li> <li>• March past practice.</li> <li>• Improvised version of free hand exercises.</li> <li>• Yogasana: Suryanamaskara, Vajrasana and Vupavajrasana, Fun Games.</li> </ul>	<ul style="list-style-type: none"> <li>• Practice of basic skills of Kho-Kho &amp; Kabaddi and basic movements of Athletics (jumping &amp; bounding exercises).</li> </ul>	<ol style="list-style-type: none"> <li>a. Developing sports personship – motor skills, ethical values, regards for rules, regulations &amp; judgements.</li> <li>b. Team spirit</li> <li>c. Rules and regulations of Kho- Kho &amp; Kabaddi.</li> </ol>

October/ November	<ul style="list-style-type: none"> <li>General fitness exercises.</li> <li>Coordination exercises</li> <li>Turns with marching.</li> <li>Yogasana: Suryanamaskara, Gomukhasana, Paadahasthasana.</li> <li>Pranayam, Kapalabhati &amp; Anloma-Viloma.</li> </ul>	<ul style="list-style-type: none"> <li>Implementation of basic defensive and offensive skills of Kho-Kho &amp; Kabaddi.</li> <li>Different work outs for improved movements in athletics.</li> <li>Running &amp; 400 Mtrs Relay</li> </ul>	<ol style="list-style-type: none"> <li>Meaning and importance of Yoga</li> <li>Benefits of yoga</li> <li>Awareness about food and nutrition.</li> <li>Diversity of Indian foods, seasonal, locally available food.</li> <li>Basic theories of athletics - track and field events</li> </ol>
December/ January	<ul style="list-style-type: none"> <li>Rhythmic activities</li> <li>Gymnastics: different types of roll and cart wheel.</li> <li>Practice of light pyramids.</li> <li>Yogasana: suryanamaskara, Sarvangasana, Halasana.</li> <li>Ring Play</li> </ul>	Practice matches of indoor games such as Carrom, Chess, Teannicoit etc	<ol style="list-style-type: none"> <li>What are Microbes and how they are useful and harmful</li> <li>How water borne microbes cause diseases</li> <li>Safety &amp; security – inside and outside the vidyalaya</li> <li>Prevention of minor injuries &amp; First-aid skills.</li> </ol>
February/ March	<ul style="list-style-type: none"> <li>Practice of all above said activities.</li> <li>Yogasana : Suryanamaskara, Trikonasana, Veerabdrasana</li> </ul>	Battery tests and result analysis.	<ol style="list-style-type: none"> <li>Social Health –Gender sensitivity</li> <li>Gender differences: feticide</li> <li>Sharing of work and responsibility</li> <li>Sports services &amp; awareness</li> <li>What is Olympics &amp; its history</li> </ol>

**Suggestions:**

- Inter House matches will be conducted as per the schedule of department of physical education of respective Vidyalaya.
- Trekking, Mini-marathon, Cross-country races & Hiking can be conducted once in a year.

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