

नेवी चिल्ड्रन स्कूल ,पोर्ट ब्लेयर  
 वार्षिक पाठ्यक्रम विभाजन - (2024 – 2025)  
 विषय : हिन्दी कक्षा : नवीं

महीना	पाठ्यक्रम	उद्देश्य व विशिष्ट सीखने के परिणाम	क्रियाकलाप
1. अप्रैल- मई	1. दुःख का अधिकार 2. रैदास के पद 3. गिल्लू (संचयन) 4. धूल (स्वाध्याय) व्याकरण : शब्द व पद , अनुस्वार-अनुनासिक लेखन : पत्र लेखन (अनौपचारिक पत्र )	दुःख का अधिकार – छात्र समाज में फैले अन्धविश्वास व रुढ़ियों से परिचित होंगे । रैदास के पद - छात्रों में भक्ति भावना का विकास होगा । गिल्लू – छात्रों में पशु पक्षियों के संरक्षण की भावना जागृत होगी । व्याकरण - छात्र अनुस्वार-अनुनासिक तथा शब्द व पद का अंतर स्पष्ट कर सकेंगे । लेखन – विद्यार्थी औपचारिक पत्र लेखन में सक्षम होंगे ।	रैदास के पद- पद गायन/ सूरदास का जीवन परिचय . सामाजिक विषमता एक अभिशाप . पशु/पक्षियों का संरक्षण (एकल /सामूहिक चर्चा )
2. जून/जुलाई	5.एवरेस्ट मेरी शिखर यात्रा 6. रहीम के दोहे 7. स्मृति (संचयन) व्याकरण- उपसर्ग-प्रत्यय , लेखन – संवाद लेखन अपठित गद्यांश	एवरेस्ट मेरी शिखर यात्रा- छात्र जीवन में कठिनाइयों का सामना करना सीख सकेंगे । रहीम के दोहे – छात्रों में नैतिक मूल्यों का विकास होगा । स्मृति- छात्र धैर्य व विवेक की भावना से परिचित होंगे तथा साहस व धैर्य से काम लेंगे । व्याकरण – विद्यार्थी उपसर्ग और प्रत्यय के प्रयोग से नए-नए शब्दों का निर्माण करना सीख सकेंगे । लेखन – संवाद लेखन के प्रारूप से छात्र परिचित होंगे।	एवरेस्ट मेरी शिखर यात्रा- पाठ से संबंधित प्रश्नोत्तरी रहीम के दोहे – दोहा गायन बचपन की किसी घटना का वर्णन
3. अगस्त			तुम कब जाओगे अतिथि-

		<p>8. तुम कब जाओगे अतिथि</p> <p>9. आदमीनामा</p> <p>व्याकरण : शब्द विचार (श्रुतिसम भिन्नार्थक शब्द , पर्यायवाची )</p> <p>लेखन- अनुच्छेद लेखन , नारा लेखन</p>	<p>तुम कब जाओगे अतिथि- छात्र अपनी परम्पराओं से परीचित हो सकेंगे ।</p> <p>आधुनिक परिवेश में अतिथि के स्वरूप को जान को सकेंगे।</p> <p>आदमीनामा – छात्र मनुष्य के विभिन्न रूपों से परीचित हो सकेंगे ।</p> <p>व्याकरण- छात्रों के शब्द भण्डार में वृद्धि होगी ।</p> <p>लेखन – अनुच्छेद व नारा लेखन का प्रारूप समझकर लिख सकेंगे</p>	<p>पाठ वचन / नाट्य मंचन / संवाद लेखन</p> <p>आदमीनामा- समाज के प्रति मनुष्य का कर्तव्य (मौखिक व लिखित अभिव्यक्ति )</p> <p>व्याकरण – कार्यपत्र (मौखिक /लिखित)</p>
4.	सितम्बर	<p>व्याकरण- अर्थ के आधार पर वाक्य रचनात्मक लेखन-संदेश लेखन</p> <p>पुनरावृत्ति कार्य व अर्धवार्षिक परीक्षा</p>	<p>अर्थ के आधार पर वाक्य- छात्र वाक्यों को पहचानेंगे तथा वाक्य निर्माण सीखेंगे</p> <p>पुनरावृत्ति कार्य के माध्यम से विषय सम्बंधित कठिनाईयों का निवारण कर सकेंगे</p>	<p>लिखित /मौखिक कार्य पत्र</p> <p>अर्धवार्षिक परीक्षा</p>
5.	अक्टूबर	<p>10. एक फूल की चाह</p> <p>11. हामिद खाँ</p> <p>12. वैज्ञानिक चेतना के वाहक (स्वाध्याय)</p> <p>व्याकरण - शब्द विचार (विलोमशब्द ) अनुस्वार-अनुनासिक शब्दवपद लेखन-अनौपचारिकपत्र</p>	<p>एक फूल की चाह – छात्र समाज में फैली बुराईयों और कुरीतियों से परीचित हो सकेंगे</p> <p>हामिद खाँ – छात्र सच्ची मित्रता के महत्त्व को जान सकेंगे</p> <p>व्याकरण व लेखन - छात्र अनुस्वार -अनुनासिक में अंतर कर पाएँगे व पत्र लिखने में सक्षम हो सकेंगे</p>	<p>. सामाजिक समस्याओं पर चर्चा (एकल/सामूहिक चर्चा )</p> <p>हामिद खाँ- अनुच्छेद लेखन सच्ची मित्रता</p>
6.	नवंबर	<p>13. कीचड़ का काव्य</p> <p>14. दीये जल उठे (संचयन)</p>	<p>कीचड़ का काव्य- छात्र कीचड़ से घृणा न करके उसकी उपयोगिता को समझ सकेंगे</p>	<p>कीचड़ का काव्य- पाठ वाचन</p>

		<p>व्याकरण- उपसर्ग-प्रत्यय लेखन – संवाद लेखन</p>	<p>दीये जल उठे- गाँधी जी के आंदोलनों से छात्र परिचित होंगे तथा स्वतंत्रता संग्राम में क्रांतिकारियों के योगदान को जान सकेंगे</p> <p>व्याकरण व लेखन- छात्र उपसर्ग- प्रत्यय की सहायता से नए-नए शब्द बना सकेंगे  </p> <p>लेखन- संवाद के प्रारूप से परिचित हो कर संवाद लेखन में सक्षम हो सकेंगे</p>	<p>दीये जल उठे- गाँधी जी के आंदोलनों की जानकारी</p> <p>व्याकरण- मौखिक/लिखित कार्यपत्र</p>
7.	दिसंबर	<p>15. धर्म की आड़ 16. अग्निपथ व्याकरण – शब्द विचार लेखन –अनुच्छेद लेखन नारा लेखन</p> <p>अपठित गद्यांश</p>	<p>धर्म की आड़- छात्र लोगों के स्वार्थी प्रवृत्ति के बारे में जानेंगे तथा अंधविश्वास व बाह्य आडम्बरों से परिचित होंगे</p> <p>अग्निपथ- छात्रों को जीवन में संघर्ष करते हुए आगे बढ़ने की प्रेरणा मिलेगी।</p> <p>व्याकरण – नए –नए शब्दों का ज्ञान होगा</p> <p>लेखन – दिए गए विषयों पर अनुच्छेद व नारा लिख सकेंगे</p>	<p>धर्म की आड़- पाठ वाचन</p> <p>अग्निपथ- कविता का सस्वर गायन</p>
8.	जनवरी	<p>17. शुक्रतारे के समान 18. नए इलाके में व खुशबू रचते हैं हाथ</p>	<p>शुक्रतारे के समान- गाँधी जी के निजी सचिव महोदय भाई के गुणों व उनकी लिखावट की विशेषताओं से परिचित होंगे</p> <p>. नए इलाके में- कविता के माध्यम से छात्र शहरी परिवर्तन को जान सकेंगे</p> <p>खुशबू रचते हैं हाथ – कविता के माध्यम से सामाजिक विसंगतियों से परिचित होंगे</p>	<p>शुक्रतारे के समान- पाठ वाचन</p> <p>नए इलाके में व खुशबू रचते हैं हाथ – बाल मजदूरी पर चर्चा (एकल /सामूहिक चर्चा )</p>

9.	फरवरी /मार्च	व्याकरण – अर्थ के आधार पर वाक्य भेद लेखन – संदेश लेखन  वार्षिक परीक्षा – पुनरावृत्ति	अर्थ के आधार पर वाक्य- वाक्यों को पहचानेंगे तथा वाक्य निर्माण सीखेंगे । छात्र पुनरावृत्ति कार्य के माध्यम से परीक्षा हेतु अभ्यास कर सकेंगे तथा अपनी विषय सम्बंधित कठिनाइयों का निवारण कर सकेंगे ।	
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नोट : पाठ के अनुसार दिए गए क्रियाकलापों में रचनात्मक मूल्यांकन की आवश्यकता के अनुसार चयन एवं बदलाव किया जा सकता है।

नौसेना बाल विद्यालयः, नई दिल्ली

संस्कृत पाठ्यक्रम विभाजनम्- 2024-25

कक्षा- नवमी (IX)

मासाः	पाठस्य नामानि	व्याकरणम्	क्रियाकलापाः
अप्रैल	पाठ -1 अविवेकः परमापदां पदम् पाठ - 2 पाथेयम्	उच्चारणस्थानानि स्वरसन्धिः अपठित गद्यांशः	श्लोकोच्चारणम् (समूहगायनम् )
मई	पाठ -3 विजयतां स्वदेशः	व्यंजनसन्धिः विसर्गसन्धिः चित्र वर्णनम्	विजयताम् स्वदेशः पाठम् अधिकृत्य अभिनयः (संवाद लेखनम् )
जून/जुलाई	पाठ -4 विद्यया भान्ति सदगुणाः पाठ - 5 कर्मणा याति संसिद्धिम्	उपपद -विभक्तिः कारक विभक्तिः च पत्रलेखनम्	कथाकथनस्य अभ्यासः (कथापूर्तिः माध्यमेन)
अगस्त	पाठ -6 तत् त्वमसि पाठ -7 तरवे नमोऽस्तु	शब्दरूपाणि धातुरूपाणि संवाद लेखनम्	चित्राणि दृष्ट्वा वाक्य निर्माणम्। (चित्रवर्णनम् )
सितम्बर	पुनरावृत्ति एवं व्याकरण अभ्यास		
अक्टूबर	पाठ-8 न धर्मवृद्धेषु वयः समीक्ष्यते	संख्या (1-100 ) कथापूर्तिः	पत्रपूर्तेः अभ्यासः कारयितव्यः ।

		पठित गद्यांशः पद्यांशः नाट्यांशः च	
नवंबर	पाठ - 9 कवयामि वयामि यामि	प्रत्ययाः ( क्त्वा, तुमुन्, ल्यप्, शतृ) प्रश्ननिर्माणम्	1 - 100 संख्यावाचक शब्दानां स्मरणं कृत्वा कक्षायां प्रस्तुतिः प्रदेया ।
दिसंबर	पाठ - 10 भारतीयम् विज्ञानम् (न परीक्षाकृते)	अव्ययाः अन्वय लेखनम्	अन्वय लेखनस्य अभ्यासः
जनवरी	पाठ -11 भारतेनास्ति मे जीवनं जीवनम् (न परीक्षाकृते)	अपठित गद्यांशः चित्रवर्णनम् पत्रलेखनम्	पाठे प्रदत्त अव्ययपदानां चयनं कृत्वा अर्थान् लिखत ।
फरवरी/ मार्च	पुनरावृत्ति एवं व्याकरण अभ्यास	संवाद लेखनम् कथापूर्तिः	

**NAVY EDUCATION SOCIETY**  
**CONDUCT OF COMMON ANNUAL EXAMINATION FOR AY 2024 - 25**  
**FOR NAVY CHILDREN SCHOOLS**  
**SPLIT UP SYLLABUS**  
**SUBJECT – ENGLISH**  
**CLASS - IX**

S No.	MONTH	BEEHIVE	MOMENTS	GRAMMAR	WRITING	SUBENRICHMENT ACTIVITIES
1.	April & May	1.The Fun They Had Poem 1.-The Road Not Taken  2. The Sound of Music a. Evelyn Glennie b. Bismillah Khan	1.The Lost Child	1.Tenses	1.Diary Entry	In groups demonstrate how music can be created from everyday objects like glass, spoon, broom, etc.
2.	June & July	Poem 2: Wind Poem 3: Rain on the Roof  3. The Little Girl	2.The Adventures of Toto  3.Ishwaran the Storyteller	2.Reported Speech i) Commands & Requests ii) Statements iii) Questions	2.Descriptive Paragraph Writing (Person)	ASL- speaking skills Story telling - retell a story written by Ruskin Bond or R K Laxman.

3	August	4.A Truly Beautiful Mind  Poem 4- The Lake Isle of Innisfree  5. The Snake and the Mirror	4.In the Kingdom of Fools	3.Subject Verb Concord	3. Story Writing	Listening skill Assessment
4	September	Poem 5: A Legend of the Northland  6. My Childhood	5.The Happy Prince	--	-	-
5	October	Poem 6: No Men Are Foreign 8.Reach for the Top I. Santosh Yadav	-	4.Modals	-	Describe one of the major festivals celebrated in the sister state (as prescribed by CBSE) with suitable illustrations.



6	November	8.Reach for the Top II. Maria Sharapova  Poem 8: On Killing a Tree	7. The Last Leaf	5. Determiners	-	Speaking skill – Prepare and deliver a speech on any famous personality who inspired you.
7	December	9. Kathmandu	8. A House Is Not a Home	–	4. Descriptive Paragraph Writing (Place)	Listening skill
8	January	Poem 10. A Slumber Did My Spirit Seal  10. If I Were You	9. The Beggar		5.Descriptive Paragraph Writing- (Situation)	
9	February	-	<b>REVISION</b>	-	-	-

**BLUE PRINT**

Section A - Reading skill – 20 marks

Section B - Writing and Grammar – 20 marks

Section C - Literature – 40 marks

Total marks - 80

**Reading**

Q1 Passage 1 – Discursive passage

400 – 450 words. Total – 8 questions & 10 marks

- MCQs - 3 questions of 1 mark each
- 2 questions of 2 marks (40 words – descriptive answer)
- 3 questions of 1 mark each (single sentence answers, True or False)

Q2 Passage 2 - Data based answers (200 – 250 words)

Total - 8 questions & 10 marks

- MCQs – 2 questions 2 marks
  - 2 questions of 2 marks total 4 marks
- (Subjective questions)

- 2 questions of 1 mark each - total 2 marks (subjective-fill in/true or false/single sentence answers)

## **Section B**

### **Q3 Grammar**

12 questions and of which 10 are to be answered (1x10=10marks)

Out of these 5 questions should be MCQs

7 questions – Fill in, complete the following, etc

### **Q4 Writing**

2 Questions of 5 marks each with similar options (word limit 120 words)

## **Section C Literature**

Q5 One extract – prose (from the main-text) - 5m

- 3 questions of 1 mark each
- 1 question of 2marks (40 words)
- 1 question – MCQ

Q6 Same pattern for 2<sup>nd</sup> extract from (supplementary Reader)

Q7. Extract- Poetry from main text (Reference to context)

(2 sets of extracts to be given as options)

Mark division same as for prose.

Q8. Four questions (Short answer questions) of 3 marks each. 4 out of 5 to be answered. (40 to 50 words)

All 5 questions from main text. (poems &prose) - (3x4=12)

Q 9. Short answer questions from the Supplementary Reader

2 questions out of 3 to be answered. (3m x 2=6) 40 – 50 words

Q 10. Long answer questions

2 questions are given from the main text. 1 is to be answered. (6x1=6)

(100 – 120 words)

Q 11. Long answer questions same pattern from the Supplementary Reader. (6x1=6)

(100 – 120 words)

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**NAVY CHILDREN SCHOOL**

**Mathematics Split-up Syllabus 2024-25**

**Grade IX**

<b>S.No.</b>	<b>Month</b>	<b>Unit Name</b>	<b>Chapter No.</b>	<b>Chapter Name</b>	<b>No. of Periods</b>	<b>Tentative No. of Working Days Available</b>	<b>Suggested Activities</b>	<b>Exam</b>
1	April	Number Systems	1	Number Systems	10	16	<a href="#">Square root spiral web activity</a>	<b>Chap. No.: 1, 2</b>
		Algebra	2	Polynomials	6			
		<b>Vacation</b>						
2	June	Algebra	2	Polynomials	9	16	<a href="#">Verification of algebraic identity</a>	
			3	Coordinate Geometry	3			
		<b>Revision</b>			4			
3	July	<b>Revision &amp; Exam</b>			8	24		<b>Chap. No.:1,2,3,4,5,6</b>
		Coordinate Geometry	3	Coordinate Geometry	1			
		Algebra	4	Linear Equations in Two Variabes	6			
		Geometry	5	Introduction to Euclid's Geometry	5			
		Geometry	6	Lines and Angles	4			
4	August	Geometry	6	Lines and Angles (Contd.....)	8	23		
		Geometry	7	Triangles	12			
		<b>Revision</b>			3			
5	September	<b>Revision &amp; Exam</b>			15	21	<a href="#">Activity to verify congruence of triangles</a>	
		Geometry	7	Triangles (Contd....)	6			
6	October	<b>Vacation</b>				15		<b>Chap. No.:7, 8, 10</b>
		Geometry	8	Quadrilaterals	15			
7	November	Geometry	10	Circles	15	23	<a href="#">ASPQ activity</a>	
		Mensuration	12	Heron's Formula	8		<a href="#">Circles activity</a>	
8	December	Mensuration	13	Surface Area and Volume	5	18		
		<b>Revision &amp; Exam</b>			13			

		<b>Vacation</b>				10	
9	January	Mensuration	13	Surface Area and Volume (Contd....)	5	20	Project: Collect data relating to mortality rate of elderly people in age groups 65 - 85+ for the year 2021 and draw the frequency polygon
		Statistics and Probability	14	Statistics	15		
10	February	<b>Revision</b>			22	22	
11	March	<b>Final Exam</b>			14	14	

**Note:**

1. Deleted topics in the chapters are not to be assessed in the exams.
2. Deleted topics in various chapters are sent as separate attachments.
3. The activities mentioned are just suggested activities.
4. The tentative number of working days has been calculated based on the vacation schedule given by NES.

**NAVY EDUCATION SOCIETY ,NAVY CHILDREN SCHOOL**  
**SCIENCE SPLIT UP SYLLABUS FOR ACADEMIC YEAR 2024-2025**

**CLASS IX**

MONTH	CH.NO	CHAPTER	SUGGESTED SUBJECT ENRICHMENT ACTIVITIES
APRIL -MAY- JUNE	1	Matter in our surroundings	<ul style="list-style-type: none"> <li>Determination of melting point of ice and boiling point of water</li> </ul>
	7	Motion	
	5	The fundamental unit of life	<ul style="list-style-type: none"> <li>Temporary mount of onion peel &amp; cheek cell</li> </ul>
JULY  PRE-MID TERM 04 JUL2024-12 JUL 2024	2	Is matter around us pure	<ul style="list-style-type: none"> <li>Separation of a mixture of ammonium chloride, sand and salt</li> </ul>
	8	Force and Laws of motion	
	6	Tissues	<ul style="list-style-type: none"> <li>Observation of meristematic tissue in onion bulbs (Activity 6.1)</li> </ul>
AUGUST	2	Is matter around us pure (Contd.)	<ul style="list-style-type: none"> <li>Preparation of:               <ol style="list-style-type: none"> <li>A true solution of common salt, sugar and alum</li> <li>A suspension of soil, chalk powder and fine sand in water</li> <li>A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability</li> </ol> </li> </ul>
	8	Force and Laws of motion (Contd.)	
	6	Tissues (Plant tissues)	<ul style="list-style-type: none"> <li>T.S. of dicot stem (Activity 6.2)</li> </ul>

<b>MID TERM</b> <b>06 SEP 2024 to</b> <b>22 SEP 2024</b> <b>HY Syllabus, -Physics-</b> <b>Motion, Force and</b> <b>laws of motion</b> <b>Chemistry -Matter in</b> <b>our surroundings,</b> <b>Is matter around us</b> <b>pure</b> <b>Biology –</b> <b>Fundamental unit of</b> <b>life, Tissues (Plant</b> <b>tissues only)</b>  <b>SEPTEMBER</b>	2	Is matter around us pure (Contd.)	<ul style="list-style-type: none"> <li>Preparation of: <ul style="list-style-type: none"> <li>a) A mixture</li> <li>b) A compound using iron filings and Sulphur powder and distinguishing between these on the basis of: <ul style="list-style-type: none"> <li>Appearance, i.e., homogeneity and heterogeneity</li> <li>(i) Behavior towards a magnet</li> <li>(ii) Behavior towards carbon di-sulphide as a solvent</li> <li>(iii) Effect of heat</li> </ul> </li> </ul> </li> </ul>
	8	Force and Laws of motion (Contd.)	<ul style="list-style-type: none"> <li>Perform the following reactions and classify them as physical or chemical changes: <ul style="list-style-type: none"> <li>a) Iron with copper sulphate solution in water</li> <li>b) Zinc with dilute sulphuric acid</li> <li>c) Heating of copper sulphate crystals</li> <li>d) Sodium sulphate with barium chloride in the form of their solutions in water</li> </ul> </li> </ul>
	9	Gravitation	<ul style="list-style-type: none"> <li>Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder</li> </ul>
	6	Tissues (plant tissues contd.)	<ul style="list-style-type: none"> <li>Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants.</li> </ul>
<b>OCTOBER</b>	3	Atoms & molecules	<ul style="list-style-type: none"> <li>To verify Law of conservation of mass.</li> </ul>
	9	Gravitation (Contd.)	<ul style="list-style-type: none"> <li>Establishing the relation between the loss in weight of a solid when- <ul style="list-style-type: none"> <li>a) fully immersed in Tap water</li> <li>b) Strongly salty water with the weight of water displaced by it by taking at least two different solids</li> </ul> </li> </ul>
	6	Animal tissues	<ul style="list-style-type: none"> <li>Striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams</li> </ul>
<b>NOVEMBER</b>			



	10	Work and Energy	
	12	Improvement In Food Resources	
DECEMBER	4	Structure of Atom	
<b>POST MID TERM 11 DEC 2024 – 20 DEC 2024</b>	11	Sound	<ul style="list-style-type: none"> <li>• Velocity of a pulse</li> </ul>
	12	Improvement In Food Resources (Contd.)	<ul style="list-style-type: none"> <li>• Collect pictures and information on Indigenous and Exotic breed of cow used in dairy/ cattle farming</li> </ul>
JANUARY	1 1	Sound (Contd.)	<ul style="list-style-type: none"> <li>• Reflection of sound</li> </ul>
	3	Atoms and Molecules (Contd.)	<ul style="list-style-type: none"> <li>• To verify Law of conservation of mass.</li> </ul>
	1 2	Improvement in food Resources (Contd.)	<ul style="list-style-type: none"> <li>• Making herbarium of plants</li> </ul>
FEBRUARY		Revision	
<b>ANNUAL EXAM 27 FEB 24-15 MARCH 24</b>		Final assessment	
<b>Annual Exam syllabus – Full syllabus</b>			

PT1 BLUE PRINT

	<b>Name of chapter</b>	<b>1 mark</b>	<b>2 Mark</b>	<b>3 Mark</b>	<b>4 Mark</b>	<b>4 Mark Case study</b>	<b>Total</b>
<b>Chemistry</b>	<b>Matter in our surroundings 13 M</b>	<b>1(4) 1(1)</b>	<b>2(2)</b>			<b>4(1)</b>	<b>13(8)</b>
<b>Physics</b>	<b>Motion 13 M</b>	<b>1(3)</b>	<b>2(2)</b>	<b>3(2)</b>			<b>13(7)</b>
<b>Biology</b>	<b>The Cell 14 M</b>	<b>1(1) 1(1)</b>	<b>2(1)</b>	<b>3(2)</b>	<b>4(1)</b>		<b>14(6)</b>
		<b>10(10)</b>	<b>10(5)</b>	<b>12(4)</b>	<b>4(1)</b>	<b>4(1)</b>	<b>40(21)</b>

**HALF YEARLY EXAMINATION 2024-25**  
**CLASS- IX, SCIENCE**

**BLUE PRINT**

<b>NAME OF THE CHAPTER</b>	<b>1-MARK</b>	<b>2-MARKS</b>	<b>3-MARKS</b>	<b>5-MARKS</b>	<b>CASE STUDY (4MARKS)</b>	<b>TOTAL</b>
<b>MATTER IN OUR SURROUNDINGS</b>	1(4)	2(1)	-	-	4(1)	<b>10(6)</b>
<b>IS MATTER ARROUND US PURE</b>	1(4)	-	3(2)	5(1)	-	<b>15(7)</b>
<b>FUNDAMENTAL UNIT OF LIFE</b>	1(4)	2(2)	3(1)	5(1)	-	<b>16(8)</b>
<b>PLANT TISSUES</b>	1(5)	2(1)	3(1)	-	4(1)	<b>14(8)</b>
<b>MOTION</b>	1(2)	2(2)	3(1)	-	4(1)	<b>13(6)</b>
<b>FORCE AND LAWS OF MOTION</b>	1(1)	-	3(2)	5(1)	-	<b>12(4)</b>
<b>TOTAL</b>	<b>20(20)</b>	<b>12(6)</b>	<b>21(7)</b>	<b>15(3)</b>	<b>12(3)</b>	<b>80(39)</b>

**PT II BLUE PRINT - Class IX SCIENCE**

<b>Subject</b>	<b>Chapter Name</b>	<b>1 mark</b>	<b>2 Marks</b>	<b>3 Marks</b>	<b>4 Marks</b>	<b>4 Marks Case study</b>	<b>Total</b>
<b>Biology 14 M</b>	<b>Tissues</b>	<b>1(1) 1(1)</b>	2(1)	3(2)		4(1)	14(6)
<b>Chemistry 13 M</b>	<b>Atoms &amp; Molecules</b>	1(4) 1(1)	2(2)		4(1)		13(8)
<b>Physics 13 M</b>	<b>Gravitation</b>	1(2) 1 (1)	2(2)	3(2)	-		13(7)
<b>Total</b>		10(10)	10(5)	12(4)	4(1)	4(1)	40(21)

**ANNUAL EXAM BLUE PRINT CLASS -IX, SCIENCE**

CHAPTERNO	CHAPTER	1M	2M	3M	5M	CASE-BASED (4M)	TOTAL MARKS
1	Matter in our surroundings	1				1	5
2	Is matter around us pure?	2		1			5
3	Atoms and molecules	2	1	1			7
4	Structure of atoms	3			1		8
5	Cell-the fundamental unit of life	3	1	2			11
6	Tissues	3	2			1	11
15	Improvement in food resources	1			1		6
8	Motion		1	1			5
9	Force and Laws of motion	2		1			5
10	Gravitation	1			1		6
11	Work and Energy	2		1			5
12	Sound		1			1	6
Total questions		20	6	7	3	3	39Q
Total marks		20	12	21	15	12	80Marks

**Note:** Section A comprises 16 MCQs and 4 Assertion-Reason questions

Rest of the question paper will have the same format as Class X Sample Question paper 24-25

**NAVY CHILDREN SCHOOL**  
**CLASS - IX SPLIT UP SYLLABUS SESSION 2024-25**  
**SUBJECT- SOCIAL SCIENCE**

Ser.	Month	Subject	Chapter	Subject Enrichment Activities
1	Apr/May	Geo.	Ch-1 India –Size and Location	Map pointing  All States, UTs and their capitals, Standard Meridian of India, Tropic of cancer
		His.	Ch-1 The French Revolution	Outline map of France. (Locate and labelling /identification)  Bordeaux  Nantes  Paris  Marseilles
		Eco.	Ch-1 The Story of Palampur  <b>(To be assessed in periodic assessment only)</b>	Group discussion –rural development is the nation development
		Demo. Politics	Ch-1 What Is Democracy? Why Democracy?	Debate - merits and demerits of democracy
2	June/July	Eco.	Ch-2 People as Resource	Poster making economic and non-economic activities <b>(Art Integration)</b>
		Geo.	Ch-2 -Physical Features of India	Map Work: Identify physical features of India
		Demo. Politics	Ch-2 Constitutional Design:	Project on racism in South Africa  <b>(Art Integration)</b>

3	Aug	His.	Ch-2 Socialism in Europe and The Russian Revolution	Outline map of world (for locating and labelling /identification) major countries of first world war  Central power – Germany, Austria – Hungary, Turkey  Allied powers- France, England, Russia, America
		Geo.	Ch-3 Drainage	Map skills (rivers and lakes)  Himalayan rivers: Ganga, Indus, Brahmaputra  Peninsular rivers: Godavari, Kaveri, Krishna, Tapti, Mahanadi, Narmada  Lakes: Wular, Pulicat, Sambhar, Chilika, Rana Pratapsagar, Nagarjunasagar
		Demo. Politics	Ch-3 Electoral Politics	Poster Making - the slogan given by the various political parties during the election  <b>(Art Integration)</b>
4	Sep	<b>Revision</b>		
5	Oct	His.	Ch-3 Nazism and The Rise of Hitler	Poster making –personalities related to the Nazi Germany  Mapwork-  Allied: UK, France, USA, Russia  Axis: Germany, Italy, Japan
		Eco.	Ch-3 Poverty as A Challenge	Group discussion –different kinds of employment

6	Nov	Geo.	Ch-4 Climate	Preparation of ppt "Rainfall distribution"
		Geo.	Ch-5 Natural Vegetation and Wild Life  <b>(To be evaluated in the annual examination Map Only)</b>  Wild Life  <b>(For interdisciplinary project)</b>  Types of vegetation- Tropical Evergreen Forest, Tropical Deciduous forests, Thorn forests and shrubs, Mountain forests, Mangrove forests	Map skills (national parks, bird sanctuary, Bio reserves)
		His.	Ch-4 Forest Society and Colonialism.  <b>(For interdisciplinary project)</b>  The rise of commercial forestry  Rebellion in the Forest  Forest transformation in Java	Project- plantation system in India.
7	Dec	Demo. Politics	Ch-4 Working of Institution	Debate-Why do we need Political Institutions?



		Geo.	Ch-6 Population	To conduct a class census by preparing a questionnaire.
8	Jan	Eco.	Ch-4. Food Security in India	Steps taken by government to removal of poverty
		Demo. Politics	Ch-5 Democratic Rights	Groups discussion – Misuse of fundamental right
		His.	Ch-5 Pastoralist in The Modern World <b>(For class test)</b>	Group discussion – Movement of the pastoralist in the modern world
9	Feb		<b>Revision for annual exam</b>	

**NAVY CHILDREN SCHOOL, MUMBAI**  
**CLASS IX SPLIT-UP SYLLABUS FOR THE SESSION: 2024-25**  
**ARTIFICIAL INTELLIGENCE (417)**

Month	No. of Periods	Chapter	Detailed Split Up Syllabus	Learning Outcomes	<b>Practical's/Activities</b> Refer to CBSE book Link & Refer to CBSE AI Handbook book & Detailed Curriculum Link Given Below :
April	8	<b>PART-A:</b> <b>EMPLOYABILITY SKILLS</b> Unit 1:Communication Skills-I	1. Introduction to Communication: Verbal Communication, Non-Verbal Communication 2. Writing Skills: Parts of Speech, Sentences 3. Pronunciation Basics 4. Greetings and Introduction 5. Talking about Self	<b>After completing this session, Students will be able to:</b> <ul style="list-style-type: none"> <li>• Identify the elements of communication &amp; draw a communication cycle.</li> <li>• Identify the factors affecting our perspectives in communication.</li> <li>• Identify &amp; Explain the verbal &amp; Non Verbal method of communication.</li> <li>• List the 7Cs of communication.</li> </ul>	<a href="https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf">https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf</a>

- Speak confidently in public using the 3Ps method
- Avoid common mistakes in non-verbal communication
- Identify & Explain the usage of the basic & Supporting parts of speech
- Identify and compose different types of sentences
- Pronounce (speak correctly) simple words used in your conversations.
- Introduce yourself to other people.
- Ask the questions according to a situation.

May & June	4	<p style="text-align: center;"><b>PART-A: EMPLOYABILITY SKILLS</b> Unit 2: Self Management Skills-I</p>	<ol style="list-style-type: none"> <li>1. Introduction to Self-management: Strengths and Weakness Analysis</li> <li>2. Self-confidence &amp; Positive Thinking</li> <li>3. Personal Hygiene</li> <li>4. Grooming</li> </ol>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Describe the importance of self-management in your own words.</li> <li>• List the various self-management skills.</li> <li>• List your own strengths and weaknesses.</li> <li>• List &amp; Identify the qualities of self-confident people.</li> <li>• List factors that influence self-confidence.</li> <li>• Define positive attitude.</li> <li>• List the benefits of having a positive attitude.</li> <li>• Identify ways in which you can develop a positive attitude.</li> <li>• List the benefits of maintaining personal hygiene &amp; Grooming.</li> </ul>	<p style="text-align: center;"><a href="https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf">https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf</a></p>
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July	6	<p style="text-align: center;"><b>PART-B – SUBJECT SPECIFIC SKILLS</b></p> <p style="text-align: center;">Unit 1: AI Reflection, Project Cycle and Ethics</p>	<p>1. AI Reflection 2. AI PROJECT CYCLE 3. AI Ethics</p>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• To identify and appreciate Artificial Intelligence and describe its applications in daily life.</li> <li>• To recognize, engage and relate with the three realms of AI: , Computer Vision, Data Statistics and Natural Language Processing.</li> <li>• Identify the AI Project Cycle framework.</li> <li>• Learn problem scoping and ways to set goals for an AI project.</li> <li>• Identify stakeholders involved in the problem scoped. Brainstorm on the ethical issues involved around the problem selected.</li> <li>• Understand the iterative nature of problem</li> </ul>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf">https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf</a></p>
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scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.

- To understand the purpose of Data Visualisation
- Understand modeling (Rulebased & Learning-based)
- To understand and reflect on the ethical issues around AI.
- To gain awareness around AI bias and AI access.

Aug	6	<p style="text-align: center;"><b>PART-B – SUBJECT SPECIFIC SKILLS</b></p> <p>Unit 2: Data Literacy</p>	<p>1. Basics of data literacy 2. Acquiring data, Processing &amp; Interpreting Data 3. Project Interactive Data Dashboard &amp; Presentation</p>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Define data literacy and recognize its importance</li> <li>• Understand how data literacy enables informed decisionmaking and critical thinking</li> <li>• Apply the Data Literacy Process Framework to analyze and interpret data effectively.</li> <li>• Learn measures to protect data privacy and enhance data security</li> <li>• Classify different types of data and enlist different methodologies to acquire it</li> <li>• Enlist and explain the different methods of data interpretation</li> <li>• Discover different methods of data visualization</li> <li>• Identify potential risks associated with data breaches and</li> </ul>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf">https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf</a></p>
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				unauthorized access.	
Sep	6	<p><b>PART-B – SUBJECT SPECIFIC SKILLS</b></p> <p>Unit 3: Math for AI (Statistics &amp; Probability) and Unit 4: Introduction to Generative AI</p>	<ol style="list-style-type: none"> <li>1. Importance of Math for AI</li> <li>2. Statistics</li> <li>3. Probability</li> <li>4. GENERATIVE AI</li> </ol>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Analyzing the data in the form of numbers/images and find the relation/pattern between the them.Use of Math in AI.</li> <li>• Number Patterns</li> <li>Picture Analogy</li> <li>• Understand the concept of Statistics in real life.</li> <li>• Application in various</li> </ul>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf">https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf</a></p>



real life scenarios.

- Understand the concept of Probability in real life and explore

  - various types of events

- Application in various real life scenarios

- Students will be able to define Generative AI & classify different kinds.

- Students will be able to explain how Generative AI works and recognize how it learns.

- Applying Generative AI tools to create content

- Understanding the ethical considerations of using Generative AI.

Oct & Nov	8	<p><b>PART-B – SUBJECT SPECIFIC SKILLS</b> Unit 5: Introduction to Python</p>	<ol style="list-style-type: none"> <li>1. Introduction to Language Python</li> <li>2. Modes of Python</li> <li>3. Python Programming and its Applications</li> <li>4. Python Basic - Variables, Arithmetic Operators, Expressions</li> <li>5. Data Types - integer, float, strings</li> <li>6. print() and input() functions</li> <li>7. Python List</li> </ol>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Learn basic programming skills through gamified platforms.</li> <li>• Acquire introductory Python programming skills in a very user-friendly format.</li> <li>• Develop basic principles of Computational thinking along with the defined use of various types of operators and high order</li> </ul>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf">https://cbseacademic.nic.in/web_material/Curriculum25/publication/secondary/417_AI_Handbook_Class9.pdf</a></p>
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structure like list, tuples  
and strings

- Theory + Practical:  
Python Basics
- Students go through  
lessons on Python Basics
- Students will try some  
simple problem-solving  
exercises on Python  
Compiler.

Dec	4	<p style="text-align: center;"><b>PART-A: EMPLOYABILITY SKILLS</b> Unit 3: ICT Skills-I</p>	<p>1. Introduction to ICT 2. ICT Tools: Smartphones and Tablets- I 3. ICT Tools: Smartphones and Tablets — II 4. Parts of Computer and Peripherals 5. Basic Computer Operations 6. Performing Basic File Operations 7. Communication and Networking — Basics of Internet, Internet Browsing, Introduction to e-mail, Creating an e-mail Account, Writing an e-mail, Receiving and Replying to e-mails</p>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Identify the importance of information and communication technology.</li> <li>• List the various tools that are being used for ICT.</li> <li>• Demonstrate the knowledge of application of ICT in our daily life</li> <li>• Differentiate between smartphones and tablets.</li> <li>• Identify various parts of a mobile device and list their functions.</li> <li>• Identify the basic parts of a computer.</li> <li>• List the use of input and output devices.</li> <li>• List the functions of the CPU.</li> <li>• Differentiate between RAM and ROM.</li> <li>• Identify the various keys</li> </ul>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf">https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf</a></p>
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				<p>on a keyboard and their associated functions.</p> <ul style="list-style-type: none"><li>• Identify the various uses of Internet.</li><li>• List the benefits of an e-mail account.</li><li>• Identify the various elements of the e-mail message.</li><li>• Compose and send an e-mail message.</li></ul>	
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Jan	5	<p><b>PART-A: EMPLOYABILITY SKILLS</b> Unit 4: Entrepreneurial Skills-I</p>	<p>1. What is Entrepreneurship? 2. Role of Entrepreneurship 3. Qualities of a Successful Entrepreneur 4. Distinguishing Characteristics of Entrepreneurship and Wage Employment 5.Types of Business Activities - Product, Service and Hybrid Businesses 6. Entrepreneurship Development Process</p>	<p><b>After completing this session, Students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Identify the characteristics of an entrepreneur.</li> <li>• Explain the importance of entrepreneur and its role in country's and society's growth.</li> <li>• Identify and describe the qualities of a successful entrepreneur.</li> <li>• Identify difference between product and service business activities.</li> <li>• Classify business examples as product, service and hybrid businesses.</li> <li>• Identify different steps of starting a business.</li> </ul>
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Feb	8	<p><b>PART-A:</b>  <b>EMPLOYABILITY SKILLS</b>  Unit 5: Green Skills-I</p>	1. Society and Environment 2: Conserving Natural Resources 3: Sustainable Development and Green Economy	<b>After completing this session, Students will be able to:</b> <ul style="list-style-type: none"> <li>• Describe the relation between society and environment.</li> <li>• Identify common environmental problems.</li> <li>• Demonstrate the knowledge of green skills, green economy and green jobs.</li> <li>• Identify the green jobs in various sectors.</li> </ul>	<a href="https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf">https://cbseacademic.nic.in/web_material/Curriculum21/publication/secondary/Employability_Skills_IX.pdf</a>
Mar	-	<b>Revision</b>	<b>Revision</b>	<b>Revision</b>	