

MONTHLY SYLLABUS

ENGLISH

BOOKS: Beehive (NCERT)

Moments (Supplementary Reader) (NCERT)

MONTH	CHAPTERS	ACTIVITIES
April-May	Literature Beehive <u>Fiction</u> F.1: The Fun They Had F.2: The Sound of Music <u>Poetry</u> P.1: The Road Not Taken P.2: Wind Moments <u>Fiction</u> F.3: The Lost Child F.4: The Adventures of Toto Grammar Tenses WritingSkills Diary Entry	<ul style="list-style-type: none">· Role Play and Analogies Beehive <ul style="list-style-type: none">· Debate on E-learning and real schools.· Group Discussion about choices in Life Beehive <ul style="list-style-type: none">· Biography Listening Skills Activity Moments <ul style="list-style-type: none">· Discussion on Bonding between Animals and Humans.
July	Literature Beehive <u>Fiction</u> F.5: A Truly Beautiful Mind F.6: The Little Girl <u>Poetry</u> P.3: Rain on the Roof Moments <u>Fiction</u> F.7: Iswaran the Storyteller Grammar	<ul style="list-style-type: none">· Declamation / Proact Beehive <ul style="list-style-type: none">· Rewriting story using different ending

	Editing/Omission, Writing Skills Story Writing	
August- September	<p>Literature</p> <p>Beehive</p> <p><u>Fiction</u> F.8: The Snake and the Mirror</p> <p><u>Poetry</u> P.4: The Lake Isle of Innisfree P.5: A Legend of the Northland</p> <p>Moments F.9: In the Kingdom of Fools</p> <p>Grammar Modals</p> <p>Writing Skills Descriptive Paragraph</p>	<p>Moments: (Art Integration Activity) Acquiring teamwork Qualities Enactment of the story- 'The Kingdom of Fools' Understanding Life Skills</p> <ul style="list-style-type: none"> · Enactment (Group Activity) · General Discussion about Materialistic world and emotion
October	<p>Literature</p> <p>Beehive</p> <p><u>Fiction</u> F.10: My Childhood F.11: Reach for the Top</p> <p><u>Poetry</u> P.6: No Men Are Foreign</p> <p>Moments</p> <p><u>Fiction</u> F.12: The Happy Prince</p> <p>Grammar Integrated Grammar</p>	<p>Beehive:</p> <ul style="list-style-type: none"> · Awareness about strengthening the bond and relations under 'Ek Bharat Shreshth Bharat Campaign' Collecting information on the life style ,folk songs-dances and highlighting the oneness which every Indian acquires as a Citizen.Sharing the same with other classmates in the form of essay,poeetry or Quiz based on the

		<p>poem No men are Foreign</p> <p>Reading about Santhosh Yadav's achievements.</p>
November	<p>Literature Beehive <u>Fiction</u> F.13: The Bond of Love F.14: Kathmandu <u>Poetry</u> P.7: On Killing a Tree Moments <u>Fiction</u> F.15: The Last Leaf Grammar Reported Speech Writing Skills Revision of the previous topics.</p>	<ul style="list-style-type: none"> · Poem Presentation · Discussion about Bonding with the pets. · Comprehend and correlate Art Integrated Activity Article Writing on the types of Vegetation and Crops In Arunachal Pradesh and Meghalaya. Based on the poem On Killing a Tree.
December	<p>Literature Beehive <u>Fiction</u> F.16: If I Were You <u>Poetry</u> P.8: A Slumber Did My Spirit Seal Moments <u>Fiction</u> F.17: A House is not a Home F.18: The Beggar Grammar Integrated Grammar Writing Skills Revision of the previous topics.</p>	<p>Beehive</p> <ul style="list-style-type: none"> · Sports Based Activity General Discussion on Understanding the importance of having Presence of Mind to tackle a situation in any game or sport or even life. Based on the play 'If I were you' · Debate about Life and Death to develop critical thinking.

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
PERIODIC TEST I	Literature: F.1,F.2, F.3,P.1,P.2 Grammar: Integrated Grammar Writing Skills: Diary Entry, Informal Letters Holiday Homework will be given
MID TERM	Reading of Unseen Comprehension Literature: F.4,F.5,F.6,F.7,F.8,F.9,P.3,P.4, P.5 Grammar: Integrated Grammar Writing Skills: Story Writing, Formal Letters Previous writing skills topics will be covered. PT1 Literature topics will be repeated
PERIODIC TEST II	Literature: F.10,F.11,F.12,F.13, F.14,P.6, P.7 Grammar: Integrated Grammar Writing Skills: Descriptive Paragraphs
FINAL EXAMINATION	Reading of Unseen Comprehension Literature: Whole syllabus Grammar: Integrated Grammar All writing skills topics will be included.

हिंदी

पाठ्य-पुस्तक:- स्पर्श भाग-1, संचयन भाग-1, व्याकरण परिचय (फुल मार्क्स)

माह	पाठ का नाम	गतिविधि
अप्रैल	स्पर्श (गद्य) -दुःख का अधिकार (पद्य) -रैदास के पद संचयन -गिल्लू व्याकरण-शब्द और पद - अनुस्वार और अनुनासिक	<ul style="list-style-type: none"> 'हार के बाद ही जीत है' (स्वरचित कविता लेखन)

मई	लेखन -अनुच्छेद - अनौपचारिक पत्र - चित्र वर्णन - संवाद लेखन	<ul style="list-style-type: none"> • मौखिक अभिव्यक्ति।
जुलाई	स्पर्श (गद्य) -एवरेस्ट: मेरी शिखर यात्रा (पद्य) -रहीम के दोहे संचयन- स्मृति व्याकरण-उपसर्ग-प्रत्यय -संधि (स्वर) अपठित बोध-अपठित गद्यांश	<ul style="list-style-type: none"> • मेरी पहली रेल यात्रा (संवाद लेखन) • मुहावरेदार स्वरचित कहानी लेखन
अगस्त-सितम्बर	स्पर्श (गद्य) -तुम कब जाओगे,अतिथि स्पर्श (पद्य) अग्नि पथ संचयन- कल्लू कुम्हार की उनाकोटि व्याकरण-विराम चिह्न -अर्थ की दृष्टि से वाक्य भेद स्पर्श (पद्य) अग्नि पथ लेखन-अनुच्छेद - चित्र वर्णन - संवाद लेखन	<ul style="list-style-type: none"> • 'अतिथि देवो भव' चित्र वर्णन • प्रकृति से सम्बंधित कोई सुन्दर चित्र (warli art) बनाइए
अक्टूबर	स्पर्श (गद्य) -वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन् संचयन- मेरा छोटा-सा निजी पुस्तकालय लेखन -अनौपचारिक पत्र ,चित्र वर्णन	<ul style="list-style-type: none"> • विवाद प्रतियोगिता • 'बालश्रम अपराध है' विषय पर पोस्टर बनाइए

<p>नवंबर</p>	<p>स्पर्श (गद्य) - शुक्रतारे के समान (पद्य) - गीत-अगीत लेखन-संवाद लेखन, अनुच्छेद स्पर्श (पद्य) - नए इलाके में -खुशबू रचते हैं हाथ *कौशल पर आधारित गतिविधि- पूजा में प्रयोग में लाए गए फूलों से धूप बनाना * (जनवरी)</p>	<ul style="list-style-type: none"> • कबीर के दोहों का गायन । • किसी भी उत्पाद की बिक्री हेतु विज्ञापन बनाइए। <p>कौशल पर आधारित गतिविधि- पूजा में प्रयोग में लाए गए फूलों से धूप बनाना</p>
<p>दिसंबर</p>	<p>लेखन- संवाद लेखन -अनौपचारिक पत्र -चित्र वर्णन -अनुच्छेद श्रवण कौशल पुनरावृत्ति</p>	<ul style="list-style-type: none"> • दो मित्रों के बीच 'स्वच्छ रहो स्वस्थ रहो' विषय को लेकर संवाद लिखिए। • विभिन्न फूलों के बारे में जानकारी एकत्रित कर A4 शीट पर लिखिए।

परीक्षा हेतु पाठ्यक्रम

परीक्षा	पाठ
प्रथमावधिक परीक्षा	<p>पूर्व मध्यावधि परीक्षा (20 अंक) स्पर्श (गद्य) -दुःख का अधिकार (पद्य) -रैदास के पद संचयन -गिल्लू व्याकरण-शब्द और पद - अनुस्वार और अनुनासिक लेखन -अनुच्छेद</p>
मध्यावधि परीक्षा (80 अंक)	<p>अपठित बोध-अपठित गद्यांश स्पर्श (गद्य) -दुःख का अधिकार, एवरेस्ट: मेरी शिखर यात्रा , तुम कब जाओगे, अतिथि: (पद्य) -रैदास के पद, रहीम के दोहे संचयन -गिल्लू , स्मृति व्याकरण-शब्द और पद, अनुस्वार और अनुनासिक ,उपसर्ग-प्रत्यय,संधि (स्वर) विराम चिह्न,अर्थ की दृष्टि से वाक्य भेद लेखन -अनुच्छेद ,संवाद लेखन ,अनौपचारिक पत्र ,चित्र वर्णन</p>
उत्तर मध्यावधि परीक्षा (20 अंक)	<p>उत्तर मध्यावधि परीक्षा (20 अंक) स्पर्श (गद्य) -वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन् (पद्य) - गीत-अगीत संचयन- मेरा छोटा-सा निजी पुस्तकालय लेखन-संवाद लेखन</p>

MATHEMATICS

Book: Textbook of Mathematics (NCERT)

MONTH	CHAPTERS	ACTIVITIES
April	Ch-1 : Number System Ch-2 : Polynomials	<ul style="list-style-type: none"> ● To construct a square-root spiral ● To verify the algebraic identity: $(a + b)^2 = a^2 + 2ab + b^2$ ● To verify the algebraic identity: $(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ac$

May	Ch-3 : Co-Ordinate Geometry Ch-4 : Linear Equation in two variables	<ul style="list-style-type: none"> To obtain mirror images of figures with respect to a given line on a graph paper. To find the values of abscissae and ordinates of various points given in a cartesian plane
July	Ch-5: Introduction to Euclid's Geometry. Ch- 6: Lines and Angles	<ul style="list-style-type: none"> To verify experimentally that if two lines intersect, then <ol style="list-style-type: none"> the vertically opposite angles are equal the sum of two adjacent angles is 180° the sum of all the four angles is 360°.
August-September	Ch-7: Triangle Ch-10: Heron's Formula	<ul style="list-style-type: none"> To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.
October	Ch-8 : Quadrilaterals Ch-9: Circles	<ul style="list-style-type: none"> To verify Mid-Point Theorem through activity method. To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle. To verify that the opposite angles of a cyclic quadrilateral are supplementary
November	Ch-11 Surface Area and Volume	To form a cone from a sector of a circle and to find the formula for its curved surface area.
December	Ch-12 Statistics	<ul style="list-style-type: none"> Real life data representation

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
PERIODIC TEST I	Chapters- 1, 2, 3
MID TERM	Chapters- 1, 2, 3, 4, 5, 6, 7 and 12
PERIODIC TEST II	Chapters- 7, 8, 9 and 12

SCIENCE

Books : Textbook of Science (NCERT)

Book of Experiments in Science by Frank

MONTH	CHAPTERS	PRACTICALS
April	Chapter-1 Matter In Our Surroundings Chapter-5 The Fundamental Unit Of Life (Half) Chapter-8 Motion	1 and 2
May	Chapter-5 The Fundamental Unit Of Life(Half) Chapter-9 Force And Laws Of Motion (Half) Chapter-2 Is Matter Around Us Pure	4 and 5
July	Chapter-3 Atoms And Molecules (Half) Chapter-6 Tissues (Half) Chapter-9 Force and Laws Of Motion (Half)	6
August – September	Chapter-3 Atoms And Molecules (Half) Chapter-6 Tissues (Half) Chapter-10 Gravitation (Half)	14
October	Chapter-4 Structure Of The Atom (Half) Chapter-10 Gravitation (half) Chapter-11 Work And Energy (Half) Chapter-15 Improvement In Food Resources (Half)	7 and 10
November	Chapter-4 Structure Of The Atom (Half)	9

	Chapter-11 Work And Energy (Half) Chapter-15 Improvement In Food Resources (Half)	
December	Chapter-12 Sound	8 and 11

SYLLABUS FOR ASSESSMENTS

ASSESEMENTS	CHAPTERS
PERIODIC TEST I	Chapters : 1, 5 and 8
MID TERM	Chapters : 1, 2, 5, 6, 8, 9 and 10 (Half)
PERIODIC TEST II	Chapters : 3, 10(half), 11 (half) and 15.

SOCIAL SCIENCE

BOOKS (NCERT) :

1. History- India And The Contemporary World-I
2. Geography- Contemporary India-I
3. Political Science-Democratic Politics-I
4. Economics-Understanding Economics-I

MONTH	CHAPTERS	ACTIVITIES
April	History L-1 The French revolution Geography L-1 Size and location Economics CH-1:The Story Of Palampur Civics L-1 What is Democracy? Why Democracy?	History Distinct ideologies, political declaration. Students would learn how to interpret historical evidences Geography Identify the location of India (Map work)

		Economics Quiz Civics Develop conceptual skills of defining democracy
May	Economics CH-1:The Story Of Palampur (Contd.) Geography CH-2 Physical Features Of India	Economics Worksheet Geography Understand the major landform features and the underlying geological structure.
July	History L-2 Socialism in Europe & The Russian Revolution Geography L-3 Drainage Civics L-2 Constitution Design Economics CH-2 People As Resource	History Explore the history of socialism through the study of Russian revolution. Geography Identify the river systems of the country Civics Understand the process of constitution making Economics Worksheet --
August-September	Economics CH-2 People As A Resource (Contd.) History L-3 Nazism & the rise of Hitler Geography L-4 Climate Civics L-3 Electoral Politics	History Get familiarize with the speeches and writings of Nazi leaders Geography Explain the nature of diverse flora and fauna as well as their distribution. (Slogan writing on global warming)

		<p>Economics PPT</p> <p>Civics Understand representative democracy and familiarize with Indian electoral system</p>
October	<p>History CH-4 Forest Life And Colonialism</p> <p>Geography L-5 Natural vegetation & wild life</p> <p>Economics Ch-3: Poverty as a Challenge</p>	<p>Geography Identify different types of forests of India</p> <p>Economics Poster</p>
November	<p>History L-4 Forest society and colonialism</p> <p>Civics L-4 Working of Institution</p> <p>Economics Ch-3: Poverty as a Challenge (Cont.)</p>	<p>History Discuss the cultural and social world of forest communities through the study of specific revolts</p> <p>Civics Develop an appreciation of citizens increased participation in electoral politics</p> <p>Economics Worksheet</p>
December	<p>History L-5 Pastoralists in the modern world</p> <p>Civics L-5 Democratic rights</p> <p>Economics CH-4 Food Security In India</p> <p>Geography L -5 Population</p>	<p>History Show the different processes through which agrarian transformation may occur in the modern world.</p> <p>Civics Identify the role of parliament and its procedures</p>

		Geography Density of population in different parts of India Economics Worksheet
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SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
PERIODIC TEST I	HISTORY CH-1 THE FRENCH REVOLUTION GEOGRAPHY CH-1 INDIA-SIZE AND LOCATION ECONOMICS CH-1 THE STORY OF VILLAGE PALAMPUR
MID TERM	HISTORY CH-2 RUSSIAN REVOLUTION CH-3 NAZISM AND THE RISE OF HITLER POLITICAL SCIENCE CH-2 WHAT IS DEMOCRACY AND WHY DEMOCRACY? CH-3 CONSTITUTIONAL DESIGN GEOGRAPHY CH-2 PHYSICAL FEATURES OF INDIA CH-3 DRAINAGE ECONOMICS CH-2 PEOPLE AS RESOURCE ALL CHAPTERS OF PT-1 WILL ALSO BE INCLUDED.
PERIODIC TEST II	HISTORY CH-4 FOREST LIFE AND COLONIALISM GEOGRAPHY CH-4 CLIMATE POLITICAL SCIENCE CH-4 ELECTORAL POLITICS ECONOMICS CH-3 POVERTY AS A CHALLENGE

ART & CRAFT

MONTH	CHAPTERS	PRACTICALS
April	Elements of Drawing	<ul style="list-style-type: none">• Pottery
May	Elements of Drawing (Contd.)	<ul style="list-style-type: none">• Pottery
July	Perspective	<ul style="list-style-type: none">• 3D Flower
August – September	Portrait	<ul style="list-style-type: none">• Texture Art
October	Light & Shades	<ul style="list-style-type: none">• Commerical Art
November	Calligraphy	<ul style="list-style-type: none">• Collage Art
December	Nature Drawing Human Anatomy	<ul style="list-style-type: none">• Canvas Painting• Knife Painting

ARTIFICIAL INTELLIGENCE

MONTH	CHAPTERS	PRACTICALS
April	Unit-2 Self-Management Skills-I Unit-3 ICT Skills-I	<ul style="list-style-type: none">• Make a presentation on “Digital India Initiatives”

		taken by Government of India.
May	Unit-4 Entrepreneurial Skills-I	<ul style="list-style-type: none"> • Make a presentation on "Important features of a Successful Entrepreneur".
July	Part-A Unit-1 Communication Skills Part-B Unit-1 Introduction to AI	<ul style="list-style-type: none"> • Create a PowerPoint presentation on the topic "Popular AI machines". Insert suitable pictures of AI machines.
August – September	Part-B Unit-2 AI Project Cycle	<ul style="list-style-type: none"> • Open the following URL in the web browser: Google Shadow Art
October	Part-B Unit-3 Neural Network	<ul style="list-style-type: none"> • Create a presentation on the topic 'Neural

		Network vs. Human Nervous System’.
November	Part-B Unit-4 Introduction to Python Flowchart, Variables and Errors in Python	<ul style="list-style-type: none"> ● Make a flowchart for displaying even numbers from 2 to 20. ● Input radius of a circle. Calculate the area and perimeter of circle.
December	Continued Part-B Unit-4 Introduction to Python Control Statements, Loops in Python Lists in Python	<ul style="list-style-type: none"> ● Create a list of five subject’s marks and print the marks > 50.

SYLLABUS FOR ASSESSMENTS

ASSESEMENTS	CHAPTERS
PERIODIC TEST I	Part-A Unit-2 Self-Management Skills-I Part-A Unit-3 ICT Skills-I Part-A Unit-4 Entrepreneurial Skills-I

MID TERM	Part B Unit-1 Introduction to AI Part-B Unit-2 AI Project Cycle
PERIODIC TEST II	Part-B Unit-3 Neural Network Part-B Unit-4 Introduction to Python Flowchart, Variables and Errors in Python

- **The course of the entire year will be included in the annual examination.**