

Army Public School Wellington

Split-Up Syllabus (2025-26)

HINDI

Class : X

Prescribed book : स्पर्श भाग - 2 , संचयन भाग - 2

| Month | Chapter name | Learning Objectives | Activities |
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| April | हरिहर काका | हरिहर काका के कथाकार मिथिलेश्वर द्वारा रचित मार्मिक कथा है जमीन जायदाद के कारण आदमी अपनों से भी पराया हो जाता है उसे किस प्रकार समाज में कठिनाइयां उठानी पड़ती है | अगर अपने आस-पड़ोस में कोई ऐसे दुःखी इंसान को देखते हैं तो आप उसकी मदद कैसे करेंगे? |
| | बड़े भाई साहब | बड़े भाई साहब पाठ से छात्रों को प्रेरणा मिलती है कि केवल पढ़ाई के माध्यम से सफल नहीं हुआ जा सकता जीवन में खेलों का भी महत्व है। छात्रों को यह प्रेरणा मिलती है कि अपनी जिम्मेदारियों को समझाते हुए बड़े भाई साहब की तरह कर्तव्य निभाएं और छोटों का मार्ग प्रशस्त करें | रोल-मॉडल द्वारा दोनों भाइयों के आपसी संबंध की दर्शाया जाएगा |
| | कबीर की साखी | कबीर की साखियां प्राचीन काव्य साहित्य की जानकारी ऐसी मीठी वाणी बोलो जिसे बोलने और सुनने वाले दोनों को शांति मिले कभी ने प्रभु प्राप्ति के लिए अपनी संसारी | कबीर की साखियों को याद करके कक्षा में समझाएंगे |

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| | | वासनाओं को समाप्त कर दिया | |
| | मीरा के पद | भक्ति काल मीरा के पद यह पद भक्ति काल से लिया गया है इस पद में कृष्ण और मीरा के अटूट प्रेम को दर्शाया गया है। मीरा के निश्चल प्रेम से कृष्ण अभिभूत हो गए हैं। | |
| | व्याकरण : वाक्य भेद शब्द और पद | वाक्य भेद की परिभाषा एवं उसके भेदों को विस्तृत रूप से जानकारी देना। | शब्द और पद कौन हैं उनके बारे में विस्तृत रूप से बताना करना। |
| JUNE | डायरी का एक पन्ना | डायरी का एक पन्ना इस पाठ में घटित घटनाओं से छात्रों को अपनी स्वतंत्रता की रक्षा करने की प्रेरणा मिलती है। | पाठ द्वारा छात्रों को संदेश मिलता है संगठित होकर काम करने से कोई भी काम नहीं |
| | सपनों के से दिन | सपनों के से दिन गांव की गांव का जीवन गांव वालों की शिक्षा के प्रति दृष्टिकोण गांव में के बच्चों का रंग डंग आदि जीता जाता चित्रण आर्थिक दंड बच्चों के विकास में बाधक। | |
| | तातारा वामीरो कथा | | |
| | पत्र लेखन अनुच्छेद लेखन | पत्रों के द्वारा छात्रों को विस्तृत जानकारी पत्रों की परिभाषा , पत्रों के प्रकार। अनुच्छेद लेखन के द्वारा भाषा में रोचकता लेखन कार्य का कौशल विकास। | |
| JULY | पर्वत प्रदेश में पावस | पंत जी प्रकृति प्रेम और कल्पना के कोमल कवि थे उनका काफी रोमांटिक तथा | |

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| | | पाठ का दोस्ती बचपन में जब दोस्त ओपी शुक्ला चौथे दर्जे की पढ़ाई कर रहा था उसकी दोस्ती हुई है एक फोन से उसके बारे में विस्तृत जानकारी दी गई है। | |
| | कर चले हम फिदा | कर चले हम फिदा कविता में भारतीय वीर सैनिकों में देश की सुरक्षा के लिए जो स्वर्णा और देशवासियों के मन में देशभक्ति की भावना भरना देश के लिए बलिदान होने वाला सैनिक अपने साथियों को बताता है कि उसने तथा उसके काफिले के अन्य सैनिकों ने भीषण कष्ट और संकट सहन करके भी छात्रों के साथ मकाबला किया। | |
| | समास पदबंध | भाषा की लघुतम सार्थक को वह स्वतंत्र इकाई को शब्द कहते हैं जब एक से अधिक पदों सामूहिक रूप से किसी एक व्याकरण के कार्य को आन दूसरे शब्दों में अनेक पदों के योग से बने वाक्यांश को जो एक ही पद का काम करता है वह पदबंध कहलाता है। | छात्रों द्वारा कक्षा में शब्द और पद में अंतर की विभिन्नताएं को समझाना और बताना। |
| SEPT | अब कहां दूसरे के दुख से दुखी होने वाले। | हिंदी कविताएं भी आम बोलचाल की हिंदी में हैं वह कविता पाठकों के दिल को छूने की क्षमता रखती है नहीं जा फौजी मीका गद्दी भी बहुत सरल सरल सरल और सुगम है वह शैरो शायरी से बहुत बहुत सरल और मधुर गति लिखता है प्राया हुए अपने किसी शेर की एक पंक्ति को उठाकर उसका भाव विस्तार करते चले जाते हैं | |

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| | | व्यक्ति प्रधान है प्रकृति का जैसा सुंदर कोमल और स्वच्छ वर्णन उन्होंने किया है वैसा अन्य किसी से किसी ने नहीं पंत जी शब्दों के कशल शिल्पी माने जाते हैं | |
| | मनुष्यता | मनुष्यता कविता में राष्ट्रकवि मैथिलीशरण गुप्त द्वारा रचित है इसमें देशहित परोपकार उदारता को अपनाने की प्रेरणा दी गई है मनुष्य जीवन नश्वर है अतः मनुष्य को मृत्यु से डरना नहीं चाहिए उसे गौरवपूर्ण जीवन जीना चाहिए गौरवशाली मृत्यु को अपनाना चाहिए। | |
| | सूचना लेखन | छात्रों को विशेष जानकारी के बारे में सूचित करना सूचना लेखन कहलाता है कोई भी विशेष सूचना के बारे में जानकारी देना। | |
| AUG | आत्मत्राण | रवींद्रनाथ की अधिकांश कविताएं धर्म अध्यात्म में प्रकृति प्रेम और मानवता पर आधारित हैं उनके काफी में प्रभु के प्रति आस्था का स्वर अवश्य सुनाई पड़ता है उनकी आत्मा त्राण कविता भी प्रभु के चरणों में समर्पित है | छात्रों को कक्षा और अध्यात्म के पांच पंक्तियां बने लिए कहा जा |
| | तीसरी कसम के शिल्पकार | पठन-पाठन का कौशल विकास | |
| | टोपी | प्रख्यात कथाकार राही मासूम रजा द्वारा लिखित उपन्यास टोपी शुक्ला में से प्रस्तुत पाठ के अंश लिए गए हैं इसमें टोपी शुक्ला नामक पात्र के बचपन का वर्णन है | |

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| <p>पतझर : गिन्नी का सोना झेन की देन</p> | <p>गिन्नी का सोना वैचारिक निबंध है इसमें आदर्श और व्यवहार के बीच संतुलन बैठाने की बात कही गई है शुद्ध सोने ऑर्गेनिक सोने में अंतर क्या होता है उनकी नहीं सोने में तांबे की मिलावट होती है झेन की देन नामक पाठ में आत्मिक शांति के महत्व को दर्शाया गया है।</p> | |
| <p>मुहावरे लघु कथा ईमेल</p> | <p>कभी-कभी निरंतर प्रयोग एवं अभ्यास से कोई उठी विशेष चमत्कार को नार्थ देने लगती है तो ऐसा वाक्य में जो सामान्य अर्थ की प्रतीति ना करा कर किसी विशेष अर्थ का बोध कराया लोकोक्ति पूर्ण वाक्य थी जबकि मुहावरा वाक्य का अंश होता है।</p> <p>लघु कथा का मतलब है छोटी कहानी बच्चों को जो प्रेरित करें छात्रों को प्रेरित करने वाला छोटी कहानी लघु कथा है।</p> | |
| <p>OCT कारतूस</p> | <p>कारतूस हबीब तनवीर द्वारा रचित एकांकी नाटक है जिसमें वजीर अली की वीरता और साहस का वर्णन है वीर सिपाहियों द्वारा अपने मुकाम को हासिल करने का वीरता का प्रदर्शन किया गया है।</p> | |
| <p>विज्ञापन लेखन</p> | <p>विज्ञापन लेखन के द्वारा छात्रों को सूचना प्रदान करना धीरे-धीरे इसमें उत्सुकता प्रेरणा या उत्तेजना पैदा करने का भाव इतना अधिक समा गया कि अब</p> | |

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| | | इसका धुआंधार प्रचार करना उद्देश्य बन गया है विज्ञापन लेखन के लिए आवश्यक है कि वह ध्यान ध्यान आकर्षक हो | |
| | अपठित गद्यांश अपठित पद्यांश | अपठित गद्यांश में पाठकों को पढ़कर अच्छे से समझ कर उसके प्रश्नों के उत्तर मूल्यांकन रूप से देना। अपठित पद्यांश में पद के साथ-साथ उसके प्रश्नों के उत्तर को समझना और लिखना | |
| NOV | पूर्ण आवृत्ति | | |
| | मॉडल परीक्षा | | |
| DEC | पूर्ण आवृत्ति | | |
| | मॉडल परीक्षा | | |

ARMYPUBLICSCHOOLWELLINGTON

SPLIT-UP SYLLABUS (2025-26)

ENGLISH LANGUAGE AND LITERATURE (184)

CLASS:X

**PRESCRIBED BOOKS: NCERT Books (First Flight, Footprints Without Feet),
Words and Expressions**

| Month | Chapter name | Subtopics | Experiment / project/ activity |
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| APRIL | First Flight: Prose: A Letter to God, Nelson Mandela – A Long Walk to Freedom | | Write a letter to God and prepare an envelope for the same. Prepare a PPT with 15 sides about Nelson Mandela and Apartheid and also add up points about various patriots who strived for the abolition of apartheid. Analyse the poem and the poetic devices. |

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| | <p>Poem: Dust of Snow, Fire and Ice, A Tiger in the Zoo</p> <p>Footprints Without Feet:</p> <p>SR: A Triumph of Surgery</p> <p>Writing Skill:</p> <p>Formal Letter Writing</p> | | <p>Write an essay on your pet if you own one or about your dream pet.</p> <p>Write a letter to the Editor stating the problems you are facing in your locality.</p> |
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| <p>JUNE</p> | <p>First Flight:</p> <p>Prose: Two Stories about Flying, From the Diary of Anne Frank</p> <p>Poem: How to Tell Wild Animals</p> <p>Footprints Without</p> | | <p>Prepare a mind map for the stories.</p> <p>Write a paragraph about investigative</p> |
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| | <p>Feet: SR:The Thief's Story, TheMidnight Visitor</p> <p>Grammar: Modals</p> | <ul style="list-style-type: none"> ● Modals ● Semi- Modals | <p>journalism.</p> <p>Worksheets</p> |
| JULY | <p>FirstFlight: Prose:Glimpses of India Poem:Amanda</p> | | <p>Prepare scrap book on the cultures of Goa, Coorg and Assam</p> |

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| | <p>FootprintsWitho ut Feet: SR:AQuestionof Trust</p> <p>WritingSkill: AnalyticalParagraph</p> | | <p>Analyse the charactersin the story.</p> <p>Complete the givenexercise</p> |
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| <p>AUGUST</p> | <p>FirstFlight: Prose: MijbiltheOtter Poem:TheTrees</p> <p>FootprintsWithout Feet: SR:TheMakingofa Scientist, Footprints Without Feet</p> <p>Grammar: Subject-VerbConcord</p> | | <p>Collectthe pictures of varieties of butterflies</p> <p>Worksheets</p> |
| <p>SEPTEMBER</p> | <p>FirstFlight: Prose:MadamRides the Bus Poem:Fog</p> <p>FootprintsWithout Feet: SR:TheNecklace</p> <p>Grammar: ReportedSpeech</p> | <ul style="list-style-type: none"> ● Declarative ● Interrogative ● Imperative ● Exclamatory | <p>Write your travel experience in bus.</p> <p>Write a paragraph on "Contentment".</p> |

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| <p>OCTOBER</p> | <p>FirstFlight: Prose:TheSermonat Benares, The Proposal</p> | | <p>Enact a drama on "The Proposal" and "The Book Savedth</p> |
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| | Poem: The Tale of Custard the Dragon, For Anne Gregory Footprints Without Feet: SR: Bholi, The Book That Saved the Earth | | e Earth” |
| NOVEMBER | Preboard - I Examination | | |
| DECEMBER | Revision | | |
| JANUARY | Preboard – II Examination | | |
| FEBRUARY | Board Practical | | |
| MARCH | Board Examination | | |

Army Public School Wellington

Split-Up Syllabus (2025-26)

Mathematics (Subject Code 041)

Class : X

Prescribed books : NCERT

| TERM I | | | |
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| Month | Chapter name | Sub topics | Experiment/ project/ activity |
| APRIL | CH 1 Real Numbers | <ul style="list-style-type: none">. The fundamental theorem of arithmetic. Revisiting irrational numbers | Mind map on Real numbers |
| | CH 2 Polynomials | <ul style="list-style-type: none">. Geometric meaning of the zeroes of a polynomial. Relationship between zeroes and coefficients of a polynomial | Mind map on Polynomials |
| | CH 3 Pair of Linear Equations in Two Variables | <ul style="list-style-type: none">. Graphical method of solution of a pair of linear equations. Algebraic methods of solving a pair of linear equations<ul style="list-style-type: none">(i) Substitution method(ii) Elimination method | To verify the conditions for consistency of a system of linear equations in two variables by graphical representation |
| JUNE | CH 4 Quadratic Equations | <ul style="list-style-type: none">. Quadratic equations. Solution of a quadratic equation by factorisation. Nature of roots | Nature of roots- Graphical Representaton |
| | CH 5 Arithmetic Progressions | <ul style="list-style-type: none">. Arithmetic Progressions. n th term of an AP. Sum of first n terms of an AP | Art integrated project on AP patterns |
| JULY | CH 6 Triangles | <ul style="list-style-type: none">. Similar figures. Similarity of triangles. Criteria for similarity of triangles | Types of similarity (paper cutting activity) |
| | CH 7 Co Ordinate Geometry | <ul style="list-style-type: none">. Distance formula. Section formula | . Case study question on finding the distance between different objects |

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| AUGUST | CH 8 Introduction to Trigonometry | <ul style="list-style-type: none"> . Trigonometric Ratios . Trigonometric ratios of some specific angles . Trigonometric identities | Finding the height of a pole using trigonometric ratios |
| | CH 9 Some Applications of Trigonometry | <ul style="list-style-type: none"> . Heights and distances | Making a clinometer |
| SEPTEMBER | CH 10 Circles | <ul style="list-style-type: none"> . Tangent to a circle . Number of tangents from a point on a circle | Construction of tangents to a circle from an external point. Paper folding activity. |
| | CH 11 Areas Related to Circles | <ul style="list-style-type: none"> . Areas of sector and segment of a circle | Finding the area of the sectors of an umbrella. |
| TERM II | | | |
| OCTOBER | CH 12 Surface Areas and Volumes | <ul style="list-style-type: none"> . Surface area of combination of solids . Volume of combination of solids | Finding the surface area and volume of a top. Combination of hemisphere and cone. |
| | CH 13 Statistics | <ul style="list-style-type: none"> . Mean of grouped data . Mode of grouped data . Median of grouped data | Finding the mean, median and mode of the height of class X students |
| | CH 14 Probability | Probability – A theoretical approach | To find the probability of an event through double colour card experiment. |
| NOVEMBER | | Revision | |
| DECEMBER | | Pre Board 1 | |
| JANUARY | | Pre Board 2 | |
| FEBRUARY | | Board Practical Examination | |
| MARCH | | Board Examination | |

ARMY PUBLIC SCHOOL WELLINGTON
SPLIT-UP SYLLABUS (2025- 2026)
PHYSICS (086)
CLASS: X

PRESCRIBED BOOKS: NCERT SCIENCE TEXTBOOK
NCERT EXEMPLAR
NCERT LAB MANUAL

| MONTH | CHAPTER NAME | SUB TOPICS | EXPERIMENT/ PROJECT/ ACTIVITY |
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| TERM I | | | |
| April | 9. Light – Reflection and refraction | 9.1. Reflection of light 9.2. Spherical mirrors 9.2.1. Image formation by spherical mirrors 9.2.2. Representation of images formed by spherical mirrors using ray diagrams 9.2.3. Sign convention for reflection by spherical mirrors 9.2.4. Mirror formula and magnification | Experiment - 1(A): Determination of the focal length of a Concave mirror by obtaining the image of a distant object. |
| June | 9. Light – Reflection and refraction | 9.3. Refraction of light 9.3.1. Refraction through a rectangular glass slab 9.3.2. The refractive index 9.3.3. Refraction by spherical lenses 9.3.4. Image formation by lenses 9.3.5. Image formation in lenses using ray diagrams 9.3.6. Sign convention for spherical lenses 9.3.7. Lens formula and magnification 9.3.8. Power of a lens | Experiment – 1(B): Determine the focal length of a Convex lens by obtaining the image of a distant object. |
| July | 10. The human eye and the colourful world | 10.1. The human eye 10.2. Defects of vision and their correction 10.3. Refraction of light through a prism 10.4. Dispersion of white light by a glass prism 10.5. Atmospheric refraction 10.6. Scattering of light | Experiment – 2: Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. |

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| August | 11. Electricity | 11.1. Electric current and circuit 11.2. Electric potential and potential difference 11.3. Circuit diagram 11.4. Ohm's law | Experiment – 3: Tracing the path of the rays of light through a glass prism. Portfolio: Prepare a chart of symbols of some commonly used components in circuit diagrams. Draw a circuit diagram by using at least three components. |
| September | 11. Electricity (continuation) Revision and Half yearly examination | 11.5. Factors on which the resistance of a conductor depends 11.6. Resistance of a system of resistors 11.7. Heating effect of electric current 11.8. Electric power | Experiment - 4: Studying dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I. |
| TERM II | | | |
| October | 12. Magnetic effects of electric current | 12.1. Magnetic field and field lines 12.2. Magnetic field due to a current carrying conductor 12.3. Force on a current carrying conductor in a magnetic field 12.4. Domestic electric circuits | |
| November | Revision | Chapters 9 and 10 | Worksheets Exemplar Test papers |
| December | Revision and Preboard 1 | Chapters 11 and 12 | Worksheets Exemplar Test papers Sample papers |
| January | Revision and Preboard 2 Board practical examination | Full chapters | Worksheets Exemplar Test papers Previous year questions Sample papers |
| February | Board examination | | |

Army Public School Wellington

Split-Up Syllabus (2025-26)

CHEMISTRY(086)

Class : X

Prescribed books : NCERT TEXT BOOK - CLASS X

NCERT Lab Manual

| Month | Chapter name | Sub topics | Experiment/ project/ activity |
|-------|---|--|--|
| April | Chapter 1 Chemical Reactions and Equations | 1.1 - Chemical Equations | Experiments: Performing and observing the following reactions and classify them into: A. Combination reaction B. Decomposition Reaction C. Displacement reaction D. Double Displacement reaction (i) Action of water on quick lime (ii) Action of heat on ferrous sulphate (iii) Iron nails in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions |
| June | Chapter 1 Chemical Reactions and Equations Chapter 2 Acids, Bases and Salts | 1.2 - Types of Chemical Equations 1.3 - Have you observed the effects of chemical equation in everyday life? 2.1 - Understanding the chemical properties of Acids and Bases | Activity: Find out whether the chemical reaction is exothermic or Endothermic Experiment: 1. Studying the properties of acids and bases(HCl and NaOH) on the basis of their reaction with: a. Litmus solution(Blue and Red) b. Zinc metal c. Solid sodium carbonate |

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| July | <p>Chapter 2 Acids, Bases and Salts</p> <p>Chapter 3 Metals and Non metals</p> | <p>2.2 - What do all Acids and Bases have in common?</p> <p>2.3 - How strong is Acid or Base in solution?</p> <p>2.4 - More about salts</p> <p>3.1 - Physical and Chemical Properties of metals</p> | <p>2. Finding pH of the given Acids and Bases</p> <p>Activity: Performing activity to illustrate the physical properties of metals</p> |
| August | Chapter 3 Metals and Non metals | <p>3.3 - How do metals and nonmetals react?</p> <p>3.4- Occurrence of metals</p> <p>3.5 - Corrosion</p> | <p>Observing the action of Zn, Fe, Cu and Al metals on the following solutions</p> <p>i) $ZnSO_4(aq)$</p> <p>ii) $FeSO_4(aq)$</p> <p>iii) $CuSO_4(aq)$</p> <p>iv) $Al_2(SO_4)_3(aq)$</p> <p>Arranging Zn, Fe, Cu and Al in decreasing order of reactivity based on the above results</p> |
| September | Chapter 4- Carbon and its compounds | <p>4.1 - Bonding in Carbon - The Covalent Bond</p> <p>4.2 - Versatile nature of Carbon</p> | <p>Study of the following properties of acetic acid (Ethanoic acid):</p> <p>i) Odour</p> <p>ii) Solubility in water</p> <p>iii) Effect on Litmus</p> <p>iv) Reaction with Sodium Hydrogen Carbonate</p> |
| October | Chapter 4- Carbon and its compounds | <p>4.3 - Chemical Properties of Carbon compounds</p> <p>4.4 - Some important Carbon Compounds: Ethanol and Ethanoic acid</p> <p>4.5 - Soaps and Detergents</p> | <p>Experiment: Study of the comparative cleaning of a sample of soap in soft and hard water</p> |
| November | Revision | | <p>Practice Questions</p> <p>Exemplar questions</p> |
| December | Pre- Board Exam 1 | | Solving Sample Papers |
| January | Pre- Board Exam 2 | | Solving Sample Papers |

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| February | Board Practical Board Exam | | |
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Army Public School Wellington

Split-Up Syllabus (2025-26)

Subject name -Science - Biology

Class X

Prescribed books : NCERT Science Text Book

| Month | Chapter name | Sub topics | Experiment/ project/ activity |
|--------------|--|---|--|
| APR | CHAPTER - LIFE PROCESSES | 5.1 -What are Life Processes 5.2-Nutrition 5.3Respiration | <u>Subject Enrichment</u> Lab Experiment 11. Light is necessary for photosynthesis. 2. CO ₂ is released during respiration. |
| JUN | CHAPTER - LIFE PROCESSES | 5.4 Transportation 5,5 Excretion | 2. CO ₂ is released during respiration. |
| JUL | Chapter 6 -Control and Coordination | 6.1 Nervous system 6.2 - Coordination in Plants 6.3 Hormones in Animals | 3. Stomata on the surface of a leaf 4.Model of a neuron using clay/any waste material 4.Case study on common disorders of endocrine glands |
| AUGUST | CHAPTER 7 How Do Organisms Reproduce- | 7.1 -Do Organisms Create Exact Copies 7.2 Modes of Reproduction 7.3 Sexual Reproduction | Lab Manual - Types of reproduction in Amoeba ,Hydra and Yeast |

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| SEPTEMBER | Heredity | 8.1 Accumulation of Variation 8.2 - Heredity | Lab Manual - Dicot seed germination |
| OCTOBER | CHAPTER 13- Our Environment | Biodegradable and non biodegradable wastes and their impact on environment Ecosystem and its components Natural and artificial ecosystems Food chains and food webs Food chains and food webs, trophic levels, Energy flow, Energy pyramids, Biomagnification Ozone formation, its role, causes of ozone depletion and its ill effects on human health | <ul style="list-style-type: none"> making, slogan writing, songs or any art form Students spread awareness on ill effects of non-biodegradable substances on animals by distributing cloth bags having messages for animal protection |
| NOVEMBER | -REVISION -PRE BOARD 1 PRE BOARD II FEBRUARY - BOARD PRACTICALS, BOARD EXAMINATION | | |
| DECEMBER | Revision - Solving sample papers | | |
| JANUARY | PRE BOARD II | | |
| FEBRUARY | Revision Board Examination | | |

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| MARCH | Board Examination | | |
| APRIL | Board Examination | | |

ARMY PUBLIC SCHOOL WELLINGTON
SPLIT UP SYLLABUS TERM-WISE (2025-26)

SUBJECT: SOCIAL SCIENCE (078)

CLASS: X

PRESCRIBED BOOKS: NCERT Books:

1) History- India and Contemporary World-II

2) Geography- Contemporary India-II

3) Political Science- Democratic Politics-II

4) Economics- Understanding Economic Development

| MONTH | CHAPTER NAME | SUB TOPICS | EXPERIMENT/ PROJECT/ ACTIVITY |
|---------------|--|---|---|
| TERM I | | | |
| APRIL | Power Sharing (Pol.Science) Federalism (Pol.Science) Development (Economics) | <ul style="list-style-type: none"> ❖ Belgium and Sri Lanka ❖ Majoritarianism in Sri Lanka ❖ Accommodation in Belgium ❖ Forms of Power Sharing ❖ What is Federalism? ❖ Key features ❖ What makes India a Federal Country? ❖ How is Federalism practiced? ❖ Decentralisation in India ❖ Income and other goals ❖ National development ❖ Comparing different countries ❖ Income and other goals | Mind Map Power Sharing Mind Map Federalism Cartoon Depiction Find out the Body Mass Index of an Adult |

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| JUNE | Resource and Development (Geography) | <ul style="list-style-type: none"> ❖ Types of Resources ❖ Development of Resources ❖ Resource Planning ❖ Land Utilisation ❖ Land degradation and conservation ❖ Soil-Classification ❖ Soil erosion and conservation measures. | Map Skill-Soil Types Project Work-Sustainable Development/Consumer Awareness/Social Issues |
| | Nationalism in India (History) | <ul style="list-style-type: none"> ❖ The Idea of Satyagraha ❖ The Rowlatt Act ❖ Non-cooperation Movement ❖ Towards Civil Disobedience Movement ❖ The Sense of Collective Belonging | Map Skill Congress Sessions Satyagraha Movements Jallianwala Bagh Dandi March |
| | The Rise of Nationalism in Europe (History) | <ul style="list-style-type: none"> ❖ French revolution and the idea of a nation ❖ The making of Nationalism in Europe ❖ The Age of Revolutions ❖ The Making of Germany and Italy ❖ Visualising a Nation | Flow Chart Rise of Nationalism in Europe |
| JULY | Forest and Wildlife Resources (Geography) | <ul style="list-style-type: none"> ❖ Flora and Fauna in India ❖ Conservation of Forest and Wildlife in India ❖ Community and Conservation | Poster Making 'Conservation of Flora and Fauna' |
| | Water Resources (Geography) | <ul style="list-style-type: none"> ❖ Water Scarcity and the need for water conservation ❖ Multi-purpose river projects ❖ Rainwater harvesting | Map Skill Major Dams |
| | Agriculture (Geography) | <ul style="list-style-type: none"> ❖ Types of Farming ❖ Cropping Pattern ❖ Major crops ❖ Food crops other than grains | Map Skill Location and Labelling-Major Crops |

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| | Sectors of Indian Economy (Economics) | <ul style="list-style-type: none"> ❖ Technological and institutional reforms ❖ Impact of globalisation in Agriculture ❖ Primary, Secondary and Tertiary Sector ❖ Comparing the three sectors ❖ Organized and Unorganized sector | Flow Chart/Quiz Sectors of Indian Economy |
| AUGUST | The Making of Global World (History) | <ul style="list-style-type: none"> ❖ The pre-modern world ❖ The 19th Century ❖ The Inter-war economy ❖ Rebuilding the world economy | Mind Map-The Making of Global World. |
| | Mineral and Energy Resources (Geography) | <ul style="list-style-type: none"> ❖ Mode of occurrence of Minerals ❖ Ferrous Minerals ❖ Non-ferrous minerals ❖ Conservation of Minerals ❖ Conventional and non-conventional source of energy ❖ Conservation of energy resources | Map Skill Location-Major Iron Ore mines, Coal Mines and Power Plants |
| | Gender Religion and Caste (Pol.Science) | <ul style="list-style-type: none"> ❖ Gender and politics ❖ Women's political representation ❖ Religion, Communalism and Politics | Assignment on Communalism |
| | Money and Credit (Economics) | <ul style="list-style-type: none"> ❖ Caste and Politics ❖ Politics in Caste. ❖ Money as a medium of exchange ❖ Modern forms of currency ❖ Loan activities of Banks ❖ Different credit situations ❖ Formal and Informal Sectors of Credit ❖ Self Help Groups | Debate on Gender bias Quiz Money and Credit |

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| SEPTEMBER | The Age of Industrialisation (History) | <ul style="list-style-type: none"> ❖ Before the Industrial Revolution ❖ Hand labour and Steam Power ❖ Industrialisation in the Colonies ❖ Factories come up ❖ The peculiarities of industrial growth ❖ Market for goods | Mind Map The Age of Industrialisation |
| | Political Parties (Pol.Science) | <ul style="list-style-type: none"> ❖ Meaning of Political parties ❖ Functions of Political parties ❖ National parties and State parties ❖ Challenges to political parties ❖ Reforming political parties | Chart Making Major Political Parties |
| | Globalisation and the Indian Economy (Economics) | <ul style="list-style-type: none"> ❖ Production across countries ❖ Foreign trade and Integration of markets | Assignment Globalisation-Impacts |
| | Manufacturing Industries (Geography) | <ul style="list-style-type: none"> ❖ What is Globalisation ❖ Factors enabled Globalisation ❖ Impact of Globalisation ❖ Struggle for fair Globalisation ❖ Importance of Manufacturing industries ❖ Industrial location ❖ Classification of Industries Environmental degradation | Map Skill Location and labelling-Cotton Textiles, Iron and Steel Plants, Software Technology Parks |
| TERM II | | | |
| | Print Culture and the Modern World (History) | <ul style="list-style-type: none"> ❖ The first printed books ❖ Print comes to Europe ❖ The Print revolution and its impact ❖ The Reading Mania ❖ .The 19th Century ❖ India and the world of prints ❖ Religious reforms and Public debate ❖ New forms of publication | Flow Chart Print Culture and Modern World Map Skill |

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| OCTOBER | <p>Lifelines of National Economy (Geography)</p> <p>Outcomes of Democracy (Pol.Science)</p> | <ul style="list-style-type: none"> ❖ Transport-Roadways, Pipelines, Waterways ❖ Major Sea ports ❖ Communication ❖ International Trade ❖ Tourism as Trade ❖ How do we assess outcomes of democracy? ❖ Accountable, Responsive and Legitimate government ❖ Economic growth and Development ❖ Reduction of inequality and poverty ❖ Accommodation of Social diversity. | <p>Major Sea Ports & International Airports</p> <p>Mind Map Outcomes of Democracy</p> |
| NOVEMBER | PRE-BOARD - I | | |
| DECEMBER | REVISION | | |
| JANUARY | PRE-BOARD - II | | |
| FEBRUARY | REVISION | | |
| MARCH | ANNUAL EXAM. | | |

Army Public School Wellington

Split-Up Syllabus (2025-26)

Food production (409)

Class : X

Prescribed books : NCERT SCIENCE TEXT BOOK

EVERGREEN PUBLICATIONS

| Month | Chapter Name | Subtopics | Experiment / Project / Activity |
|-----------|-----------------------------|---|---|
| July | Introduction to Cookery | - Definition and scope of cookery Importance of hygiene and safety Kitchen tools and equipment |  Hygiene checklist activity  Kitchen equipment identification game  Poster on kitchen safety rules |
| August | Methods of Cooking | - Dry heat methods: roasting, baking, grilling Moist heat methods: boiling, steaming, poaching Combination methods: braising, stewing |  Bake simple cookies or bread  Demonstrate boiling and steaming vegetables  Create a cooking method collage |
| September | Vegetable and Fruit Cookery | - Classification of vegetables and fruits Nutritional value Selection and storage Cooking techniques |  Prepare sautéed vegetables  Fruit salad preparation  Nutritional comparison chart of raw vs cooked vegetables |
| October | Soups | - Types of soups: clear, thick, cold Ingredients and preparation methods Garnishing and presentation |  Make a basic vegetable soup  Soup garnishing competition  Recipe card creation for 3 types of soups |
| November | Salads | - Types of salads: simple, compound Salad dressings Presentation techniques |  Prepare a compound salad with dressing  Salad plating challenge |

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| | | |  Salad photo journal |
| December | Sandwiches | - Types of sandwiches: open, closed, grilled Fillings and spreads Storage and hygiene |  Make 3 types of sandwiches  Sandwich innovation contest  Create a sandwich recipe booklet |
| January | Revision & Skill Practice | - Recap of all chapters Practical reinforcement |  Conduct a mock kitchen setup and hygiene inspection |
| February | Final Project & Assessment | - Integrated project work Viva and practical's |  Submit a portfolio with charts, layouts, hygiene logs, and project reflections |
| March | Revision | Revision for Annual Examination | |
| April | Annual Exam | | |

Army Public School Wellington

Split-Up Syllabus (2025-26)

CLASS X

SUBJECT : MULTI-MEDIA (415)

Prescribed Books : MULTI-MEDIA CBSE HANDBOOK

| Month | Chapter Name | Sub Topics | Experiment/ project/ activity |
|--------------|-----------------------------|--|--|
| APR | Employability Skills | Unit 1 : Communication Skills-II | 1. Listing do's and don'ts for avoiding common body language mistakes |
| JUN | Employability Skills | Unit 2 : Self-Management Skills-II Unit 3 : ICT Skills-II Unit 4 : Entrepreneurial Skills-II | 1. Demonstration on working Independently 2. Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin 3. Make a plan in team for setting up a business |

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| JUL | Employability Skills Subject Specific Skills | Unit 5 : Green Skills-II Unit 1 : Surfaces and Materials <input type="checkbox"/> Real life surfaces in the context of texturing. <input type="checkbox"/> 3D surfaces and material in the context of texturing. <input type="checkbox"/> Reaction of surfaces to varying lighting conditions | 1. Identify the problem related to sustainable development in the community. 2. Demonstration of characteristics of real life surfaces |
| AUG | Surfaces and Materials | Properties of surfaces and material in the context of texturing | Explanation of the properties of material and their effect on texturing |
| SEP | Unit 2: Shading and Texturing | <input type="checkbox"/> Types of surface shading properties <input type="checkbox"/> Surface, displacement and volumetric materials | Explanation of the Maya material Demonstration of double side shaded surface, layer texture and layer shader |
| OCT | Shading and Texturing | <input type="checkbox"/> Creation and assigning materials by the use of hyper shade in MAYA or 3Ds MAX <input type="checkbox"/> Realistic texturing | Demonstration of texturing using hyper shade in MAYA Demonstration of the use of texturing maps |
| NOV | Unit:3 Texturing in | <input type="checkbox"/> Process of creating diffuse map in Photoshop <input type="checkbox"/> Creating bump in MAYA map in MAYA | Demonstration of texturing using hyper shade |

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| | Photoshop and Autodesk Maya | <input type="checkbox"/> Process of creating specular maps in Photoshop and MAYA <input type="checkbox"/> Export the UV map to Adobe Photoshop and paint the Texture on UV map <input type="checkbox"/> Diffuse and opacity map, specular, reflection and glow map, bump, normal and displacement map | Assignment of separate material to a group of faces |
| DEC | | Pre-Board I Revision | |
| JAN | | Pre-Board II | |
| FEB | | Board Exam | |

ARMY PUBLIC SCHOOL WELLINGTON

SPLIT-UP SYLLABUS (2025-26)

SUBJECT NAME: PHYSICAL ACTIVITY TRAINER (418)

CLASS: X

Prescribed books: Physical Activity Trainer (Subject Code - 418) Detailed Curriculum/ Topics to be covered under Part A: Employability Skills can be downloaded from CBSE website. Part-B – Subject Specific Skills can be downloaded from CBSE website.

| MONT H | CHAPTER NAME | SUB TOPICS | EXPERIMENT/ PROJECT/ ACTIVITY |
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| APR | <u>Employability skills</u> Unit 1 : Communication Skills-II | <ol style="list-style-type: none"> 1. Methods of communication - Verbal - Non-verbal – Visual 2. Barriers to effective communication – types and factors 3. Measures to overcome barriers in effective communication 4. Principles of effective communication 5. 7 Cs of effective communication | 1. Demonstration and practice of writing sentences and paragraphs on topics related to the subject |
| JUN | Unit 2 :Self-management Skills-II Unit 3: Information and Communication Technology Skills-II | <ol style="list-style-type: none"> 1. Meaning and importance of stress management 2. Stress management techniques – physical exercise, yoga, meditation 3. Enjoying, going to vacations and holidays with family and friends 4. Taking nature walks <ol style="list-style-type: none"> 1. Classes of operating systems 2. Menu, icons and task bar on the desktop 3. File concept, file operations, file organization, directory structures, and file-system structures 4. Creating and managing files and folders 5. Importance and need of care and maintenance of computer | <ol style="list-style-type: none"> 1. Exercises on stress management techniques – yoga, meditation, physical exercises 2. Preparing a write-up on an essay on experiences during a holiday trip <ol style="list-style-type: none"> 1. Identification of task bar, icons, menu, etc. 2. Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin |
| JUL | Unit 4 Entrepreneurial Skills-II Unit 5 :Green Skills-II | <ol style="list-style-type: none"> 1. Entrepreneurship and society 2. Qualities and functions of an entrepreneur 3. Role and importance of an entrepreneur 4. Myth about entrepreneurship 5. Entrepreneurship as a career option <ol style="list-style-type: none"> 1. Definition of sustainable development 2. Importance of sustainable development 3. Problems related to sustainable development | <ol style="list-style-type: none"> 1. Writing a note on entrepreneurship as career option 2. Collecting success stories of first generation and local entrepreneurs <ol style="list-style-type: none"> 1. Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environmental values 2. Preparing models on rain water harvesting, drip / sprinkler irrigation, vermin-compost, solar energy, solar cooker, etc |
| AUG | <u>Subject specific skills</u> | <ol style="list-style-type: none"> 1. Job description of an early years physical activity facilitator 2. Qualities of a good teacher | 1. Discussion on the methods of discipline inculcation in students |

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| | Unit 1: Roles and Responsibilities of Early Years Physical Activity Facilitator | <ol style="list-style-type: none"> 3. Conducting basketball and volleyball skill development sessions. 4. Altering the programs to meet the participant turn out and skill level. 5. Arranging facilities and equipment for performing risk management checks on the facility. 6. Dealing with customers and answering questions. 7. Established rules and regulations and etiquette guidelines 8. Responding to situations requiring conflict resolution and emergency incidents, including first aid or CPR | <ol style="list-style-type: none"> 2. Group discussion on pros and cons of mass drill 3. Discussion on the importance of talent identification in sports. |
| SEP | Unit 2: Assessment and Evaluation of Students | <ol style="list-style-type: none"> 1. Meaning of assessment and evaluation 2. Diagnostic assessment 3. Skill assessment 4. Assessment tools and processes 5. Preparation of report 6. Information identification 7. Analysis of report 8. Conclusion and recommendation | <ol style="list-style-type: none"> 1. Prepare a chart on difference between assessment and evaluation 2. Classroom discussion on which of the assessment is better formative or summative |
| OCT | Unit 3: Free-play | <ol style="list-style-type: none"> 1. Free play 2. Components of free play 3. Importance of free play in student's life 4. Factors influencing recreational activities | <ol style="list-style-type: none"> 1. Write a paragraph on importance of free play students life 2. Make a chart of factors influencing free play |
| NOV | Unit 4: Monitoring and Inventory Management | <ol style="list-style-type: none"> 1. Importance of periodic inventory check 2. Process of maintaining inventory. 3. Report of listed equipment 4. Estimation of fund for new equipment 5. Estimation of money for repairing of equipment 6. Monetary report of equipment purchased and repaired | <ol style="list-style-type: none"> 1. Write a paragraph about importance of listing the equipment 2. Prepare a flowchart on the steps of Listing the equipment |

Army Public School Wellington

Split-Up Syllabus (2025-26)

Artificial Intelligence(417)

Class :X

Prescribed books :Artificial Intelligence CBSE handbook

| Month | Chapter name | Sub topics | Experiment/ project/ activity |
|-------|---|--|--|
| APR | Employability Skills | Unit 1 :Communication Skills-II | 1.Listing do's and don'ts for avoiding common body language mistakes |
| JUN | Employability Skills | Unit 2 :Self-Management Skills-II Unit 3 :ICT Skills-II Unit 4 :Entrepreneurial Skills-II | 1.Demonstration on working Independently 2. Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub-folders, restoring files and folders from recycle bin 3. Make a plan in team for setting up a business |
| JUL | Employability Skills Subject Specific Skills | Unit 5 :Green Skills-II Unit 1 : Revisiting AI Project Cycle & Ethical Frameworks for AI | 1. Identify the problem related to sustainable development in the community. 2. Visit the website – https://www.my-goodness.net/ |
| AUG | Subject Specific Skills | Unit 2 : Advanced Concepts of Modeling AI | 1.List out the three domains of AI and their applications.(5 Each) 2. Categories of Machine learning based models: Supervised Learning (https://teachablemachine.withgoogle.com/), Unsupervised Learning (https://experiments.withgoogle.com/ai/drum) |

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| | | | - machine/view/), Reinforcement Learning 3. Neural Network Activity: https://playground.tensorflow.org/ |
| SEP | Subject Specific Skills | Unit 3 : Evaluating Model | 1. Calculation of Confusion Matrix for the given scenario |
| OCT | Subject Specific Skills | Unit 4 : Statistical Data | 1. To build an AI model to predict price using OrangeData mining AI tool |
| NOV | Subject Specific Skills | Unit 5 : Computer Vision Unit 6 : Natural Language Processing | 1. Create your own pixel art: www.piskelapp.com 2. Play with chatbots Elizabot - https://www.masswerk.at/elizabot/ |