

AALAYA ACADEMY

GRADE 10 CURRICULUM

SUBJECT: ENGLISH

BOOK: NCERT TEXTBOOK – FIRST FLIGHT

SUPPLEMENTARY READER – FOOT PRINTS WITHOUT FEET

MONTH	CONTENT	LEARNING OUTCOMES	ACTIVITIES
APRIL	LITERATURE – Unit-.1:Lesson - A Letter to God. Poem-1A : Dust of Snow.Poem-1B: Fire and Ice Unit-.2:Lesson- Nelson Mandela: Long Walk to Freedom. Poem- 2 : A Tiger in the Zoo. S / R Topic: CH.1.A Triumph of Surgery. CH.2.The Thief's Story. Gr: Modals, Determiners. Subject – Verb concord Analytical Paragraph writing.	To read both fiction and nonfiction stories with understanding for pleasure and enjoyment in order to demonstrate ability to discuss about these with comprehension and reasoning skills To Identify and appreciate significant literary elements such as figurative language – metaphor, imagery, symbol, simile, intention / point of view, rhyme scheme, etc. in order to demonstrate understanding of their significance in literature and narratives. To collect evidences and discusses in groups for reading autobiographies, history and science based literary texts in order to demonstrate comprehension and critical thinking skills. To understand the	Design a poster Creative writing=pg-27 Speaking – pg.11 & 26 Group discussion pg-30 Seminar-

		importance of freedom To know that a determiner appears before a noun to help us identify which person or thing the sentence is about To Identify the singular and plural subjects and verbs in sentences *To Recall and practice more exercises. To identify the essential elements of a paragraph • compose an effective paragraph	
MAY	LITERATURE – UNIT-3 : Lesson – His First Flight & Black Aeroplane.. Poem- 3.A How to tell wild Animals. Poem – 3 B The Ball Poem UNIT- 4 : Lesson – From the Diary of Anne Frank. Poem – 4 Amanda! Unit- 5: Lesson – A Baker from Goa & Coorg. S / R Topic: CH.3.The Midnight visitor CH.2.A question of trust. Gr- Reported Speech Formal Letter Writing (Editor & complaint)	To Identify some wild animals with their peculiarities • enjoy and appreciate humorous poems • form imagery • admire bounty of nature To identify the connection to words or phrases that resonate with other things. • learn and accept loss of something they love To read aloud with appropriate pronunciation and pause. • Identify relationships between characters and conflicts between them To understand the ardent desire of every child to enjoy the beauty of the dreamy world of childhood. • depict the state of a little girl's mind. • learn the use of imperatives • be specific in reflection, expression and	Presentation – pg;36 Writing a short composition – pg;36 Speaking – Narrating an experience pg;41 Speaking – pg;58 Diary writing pg-59 Listening task –pg: 59

		individual opinion and deeper understanding of Amanda To recognize the difference between direct and indirect speech	
JUNE	LITERATURE- Unit – 5 Tea from Assam. Poem -5 The trees S / R Topic: CH.5.Foot prints without feet CH.6.The making of a scientist PERIODIC- 1	To understand pen – portrait of a traditional Goan village baker • know how popular tea has become as a beverage in the world. • enhance their knowledge about the geography of Coorg To understand that God’s creation is a composite phenomenon trees, forests, animals and other agencies of nature are interlinked.	Group discussion pg;67 Writing – pg;76
JULY	LITERATURE- Unit- 6: Lesson – Mijbil the Otter. Poem – 6 Fog Unit- 7 Lesson- Madam Rides the Bus. Poem – The Tale of Custard the Dragon. S / R Topic: CH.7.The Necklace CH-8 Bholi PERIODIC-II	To understand that we should take care of our pets and be responsible towards them • learn to be responsible towards other life forms To understand the powerful nature and worth of natural occurrences • understand change is unavoidable To understand the feelings of an individual • think about an alternative ending to the story • use new words and phrases in expression.	Descriptive writing – pg;92 Tickets collage – pg;106
AUGUST	LITERATURE- Unit- 8 The Sermon at Benares. Poem – 8 For Anne Gregory. Unit- 9 Lesson- The Proposal.	To have spiritual outlook • learn the fact that death is the ultimate truth in the world. To help them identify the language effects that result	Writing – pg;116 Role play { Enact the proposal }

	S/R CH.9.The book that saved the Earth	from external conflict.	
SEPTEMBER	HALF- YEARLY EXAMINATION		
OCTOBER	PERIODIC-III		
NOVEMBER	GRAMMAR & COMPOSITION 1 MARK & 5 MARKS TEST		
DECEMBER	PRE BOARD – I PRE BOARD -II		
JANUARY	PRE BOARD – III PRE BOARD - IV		
FEBRUARY	PRE BOARD – V PRE BOARD -VI		
MARCH	BOARD EXAMINATION		

AALAYA ACADEMY
GRADE 10 CURRICULUM

SUBJECT : TAMIL

BOOK : TAMILNADU GOVERNMENT

MONTH	CONTENT	LEARNING OUTCOMES	ACTIVITIES
APRIL	இயல்-1: செய்யுள் 1: தமிழோவியம் இயல்:1. உரைநரை: செய்யுள் 2: இரட்டுறமமொழிதல் விரிவொனம்: உரநநரடயின் அணிநலன்கள் இலக்கணம் : எழுத்F, டசோல் இயல்:2. உரைநரை: முகக்கிறதோ என்குலை! செய்யுள் 1: கோற்றற வோ! செய்யுள் 2: முல்ரலப்போனெட்டு வினெவிவோனம்: புயலிழல ஒரு முதோணி இலக்கணம் : சதோரகநிரலத்சதோனென்கள்	ரமயக்கருத்ரத எடுத்F உரைத்தல்,சமோழியிலுள் ளவகைப்படுத்தப்பட்ட சசொல்வளங்கைச சசொறெளின் வொயிலொப பபச்சிலும் எழுத்திலும் இடமறிந்F கையொளுதல். உகைநகடயிலுள்ள அணிநலன்கை உள்வொங்கினைசொண்டு நயமிகு சதொடைகை உருவொனெகி சவளிப்படுத்Fத்Fல். சமொழி தனித்Fம் சதொடைந்Fம் சபொருள் தரும் நுட்பத்தத அறிந்F பயன்படுத்Fதல். சொற்றுமொசபொடு குறித்Fனெ லைந்Fகையொடி விழிப்புணைவுசபறுதல் .	நீங்ன் வொழும் பகுதியிலுள்ள எகவபயனும் ஐந்F பயினை்வகைச சசொறெனெனெ ன படத்சதொகுப்ப உருவொனெகு ை. தூய்கமயொன னெற்கறப் சபறுவதற்குபமற்சொள் ள பவண்டிய வழிமுகறைள் குறித்Fப்படத்சதொகுப்பு உருவொனெகுை.
MAY	இயல்:3. உரைநரை:விருந்F ப ஁ற்றுFம்! செய்யுள் 1: கோசிக்கோண்மை செய்யுள் 2: மரலப்படுகோம் வினெவிவோனம்: முகோபல்லபுத்F மக்கள் இலக்கணம் : சதோகோநிரலத்சதோனென்கள்	நம் பண்பொட்டுனெகூறுனெள்ள ஒன்றொன விருந்பதொம்பலின் மொண்கப உணைந்F சபருமிதத்Fடன் பின்பற்றுதல்.உடகல மட்டும் வளைனெகும் உணவுகைத தவினைத்தல் குறித்Fம் உயிகை உணைகவ வளைனெகும் உணவுகைகள் குறித்Fம் சசய்திகைகள் அறிந்F சவளிப்படுத்Fதல் சமொழிப் பயன்பொட்டில் சதொனெனெநிகலத்சதொடைனெ ளின் வகைகைகள் அறிந்F பயன்படுத்Fதல்.	உணவு, விருந்F சொனைந்த பழசமொழிகைளயும் விழிப்புணைவுத்சதொடைனெ களயும் திடைடி, சைனெனெவிகசப்படுத்தி வகுப்பகறயில் னெனெட்சிப்படுத்Fனெ.
JUNE	இயல்:4. உரைநரை:செயற்க	வளைந்F வருகின்ற	சசயற்கை நுண்ண

	நுண்ணறிவு செய்யுள் 1: சபருமோள் திருசமோழி செய்யுள் 2: பைபோனல் விண்விவானம்:விண்ரணத்தோண்டிய தன்னம்பிக்ரக இலக்கணம் : சபோF PERIODIC-1	சதொழில்நுட்பங்கள் நம் சமொழியில் திறம்படச் சசொல்லப்படும் பொன்றிந்F சமொழித்திறகளையும் சதொழில்சொண் ைருத்Fைகளையும் புFப்பித்தல்.அறிவியல் ைருத்Fைள் உட்சபொதிந்Fள்ள சசய்யுள்ளின் ைருத்F சவளிப்பொட்டுத்திறகனப் படித்Fணைந்F எதிண்விகனயொற்றல்.உ கை யொடல் வடிவில் ைருத்Fைகள் சவளிப்படுத்Fம் திறன்சபறுதல். இலைண் பிகழயற்ற சதொடைகமப்புைகள் த் சதைந்Fசொண்டு பயன்படுத்Fதல்.	றிகவப் பயன்படுத்Fம் வணிகை நிறுவனங்ைள் சில இயங்கி வருகின்றன.சசயற்கை நுண்ணறிவப் பயன்படுத்Fம் பொப்பொண்ைகள் உருவொண்ைக்கும் நிறுவனங்ைள் சில உலகினில் இருகின்றன. அவற்கறப் பற்றிய படங்ைளுடன் குறிப்பு எழுதி வருை.
JULY	இயல்:5. உரைநரை:சமோழிசபயைப்பு செய்யுள் 1: நீதிசவண்போ செய்யுள் 2: திருவிளையோற்புண்ைணம் விண்விவானம்:புதிய நம்பிக்ரக இலக்கணம் : வினோ,விரைவரககள்,சபோருள் ழகோள் PERIODIC-2	சமொழிசபயைப்பின் இன்றியகமயொகமகயயு ம் நுட்பத்தையும் உணைந்F சமொழிசபயைப்புப் பகுதிைகள்ப் படித்தல், புதிய பகுதிைகள்த் பதகவைப்பைற்ப சமொழிசபயைத்தல்.ைல்வி சொண்ைந்த ைருத்Fைகள்ச் சசய்யுள் வொயிலொை அறியவும், சுகவைைவும், இன்கறய ைல்வியுடன் ஒப்பிடவும் அறிதல். படித்Fப் சபொருள் உணைவFடன் ைருத்Fைகள்சதொகுத்F வைகசப்படுத்தி எளிகமயொை வழங்கும் திறன் சபறுதல். சபொருள் சொள்ளும் முகறயறிந்F சசய்யுளின் சபொருகளைப் பிண்ைந்F சொள்ளுதல்.	“பள்ளிகயத் தூய்கமயொை கவத்திருத்தல்”- குறித்த சசயல்திட்ட வகைவு ஒன்கற உருவொண்ைகித் தகலகம ஆசினையின் ஒப்புதலுடன் நகடமுகறப்படுத்Fை.
AUGUST	இயல்:6. உரைநரை:நிகைக்ரல செய்யுள் 1: பூத்சதோடுத்தல் செய்யுள் 2: முத்Fக்குமொைைமியிள்ளத்தமிை ெ செய்யுள் 3: கம்பைமோமாயணம் விண்விவானம்:பொய்ைைல் இலக்கணம் : அகப்சபோருள்	தமிழைத்தம் நிைழைைகலைளின் பமன்கமயறிந்F, அவற்கற வளைண்ைவும் நிகலசபறச்சசய்யவும் தங்ைளின் பங்ைளிப்பகப நல்குதல். எளிய	பல்பவறு நிைழைைகலைளின் ன ஒளிப்படங்ைகள் த் சதொகுத்F வகுப்பகறயில் ண்ைொட்சி அகமைை.

	இலக்கணம் செய்யுள் 4: திருக்குறள்	சொற்஁னும் ஁ருத்஁னும் ஁விகத்ப்சபாருளாகும் திறமறிந்஁ தாபன ஁ற்றல்.஁விநயம் நனிசசாட்டச் சசாட்டப் பாடப்பட்ட பாடல்஁களை ஁ற்று மகிழ்வ஁ன் அகவ பபான்ற பாடல்஁களத் பதடித் பதைந்஁ படித்தல், பகடத்தல். சந்த நயமும் ஁சாண்ட பாடல்஁ள் மனனத்திற்கு எளிதானகவ. அவற்கறப் பயின்று நாசநகிழ், நாபிறழ் பயிற்சி஁ளில் ஆற்றல் சபறுதல்.	
SEPTEMBER	இயல்:6. வி஁ீவானம்:பாய்஁஁ல் இலக்கணம் : அகப்சபாருள் இலக்கணம் செய்யுள் 4: திருக்குறள் HALF-YEARLY REVISION AND EXAMINATION	஁கதைகள்ப் படித்஁ கமயை ஁ருத்஁ண்தல், ஁கதைள் குறித்஁஁஁ ஁லந்஁கையாடல். தமிழின் ஁அப்சபாருள் இலை஁ணம் அறிதல்வழி இயற்கையுடன் ஁ன்றியிருந்த வாழ்஁஁கை முகறைகள்ப் பி஁ீந்஁ ஁சாள்ளுதல்.	காட்சிரைக்கண்டு கவி஁ற எழு஁க.
OCTOBER	PERIODIC-3		
NOVEMBER	இலை஁ணம் , சபா஁஁஁஁஁஁஁கை, ஁டிதம், ஁கணப்பாடை஁஁஁஁஁கை திருப்புதல்		
DECEMBER	PRE BOARD EXAM-1 PRE BOARD EXAM-2		
JANUARY	PRE BOARD EXAM-3 PRE BOARD EXAM-4		
FEBRUARY	PRE BOARD EXAM-5 PRE BOARD EXAM-6		
MARCH	YEARLY REVISION AND EXAMINATION		

**AALAYA ACADEMY
GRADE 10 CURRICULUM**

SUBJECT: MATHS

BOOK: NCERT TEXTBOOK – MATHEMATICS

MONTH	CONTENT	LEARNING OUTCOMES	ACTIVITIES
APRIL	Chapter -5 – ARITHMETIC PROGRESSION Chapter-1 – REAL NUMBERS	Recognises the pattern in a given series. • Understands the term common difference and its importance in AP. • Identifies the first term and common difference to form an AP. • Applies the formulas and calculates n^{th} term of an AP and the sum up to n^{th} term of an AP. • Develops strategies to apply the concepts of AP to daily life situations. Generalises properties of numbers and relations among them. • Evolves results - Euclid's Division Algorithm and Fundamental Theorem of Arithmetic and applies them to solve problems related to real life context. • Proves $\sqrt{2}$, $\sqrt{3}$ etc. as irrational numbers. • Justifies the condition on rational numbers to be terminating decimals or non-terminating repeating decimals	To identify Arithmetic Progressions in some given lists of numbers Finding HCF & LCM
MAY	Chapter -2 – POLYNOMIALS Chapter-3- PAIR OF LINEAR EQUATIONS	Recalls general form of linear and quadratic polynomials and finds zeros of polynomial by graph, where it intersects the x-axis. • Creates relationship between the zeros of the quadratic polynomial and its coefficients. • Calculates zeros of the polynomial of degree more than 2. Recalls and defines general form of linear equations of two variables and expresses different pair of linear equations in two variables in general form. • Draws graph of linear equations of two variables to solve word problems. • Determines whether ordered pair (x, y) is a solution of pair of equations. • Understands to solve pair of equations by the methods of	To draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of x^2 is positive. (ii) The shape of the curve when the coefficient of x^2 is negative. (iii) Its number of zeroes. To verify the conditions

		Substitution and Elimination. • Verifies the type of solution of equations by using three conditions. • Solves word problems of daily life situations.	of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.
JUNE	Chapter – 4- QUADRATIC EQUATIONS Chapter – 7- COORDINATE GEOMETRY PERIODIC -I	Recalls the concept of quadratic polynomial and correlates with quadratic equation. • Represents the equation in general form as $ax^2 + bx + c = 0$ where $a, b, c \in \mathbb{R}$ and $a \neq 0$ • Finds roots of quadratic equations by different methods - Factorisation and Completing the Square. • Calculates discriminant to find nature of the roots. • Solves quadratic equations by quadratic formula. Recalls the Cartesian plane and locates points in it. • Derives distance and section formulas and applies them to calculate a) Distance between two points in a plane. b) The coordinates of a point which divides the line segment joining of two points internally in the given ratio. • Finds the coordinates of the mid-point and checks the collinearity of the points by section formula.	To obtain the solution of a quadratic equation ($x^2 + 4x = 60$) by completing the square geometrically. To verify the distance formula by graphical method.
JULY	Chapter-6- TRIANGLES PERIODIC -II	Identifies plane figures which are same in the shape but different in size. Defines similarity of two triangles and understands similarity rules AAA, SAS, SSS. Proves Basic Proportionality Theorem and its converse, then applies in problems. Understands the statement of area theorem and solves problems. □ Proves Pythagoras theorem by using similarity of triangles and applies the same. □ Proves Pythagoras theorem practically	To establish the criteria for similarity of two triangles To verify Basic Proportionality Theorem (Thales theorem).
AUGUST	Chapter-8 Introduction to Trigonometry	Determines all 6 trigonometric ratios w.r.t acute angle of a right triangle. □ Correlates 6 trigonometric ratios with ratio of two sides at a time of a right triangle and knows their names as - sine, cosine, tangent, cosecant, secant, cotangent. □ Computes the trigonometric ratios of standard angles. □ Proves trigonometric	Finding the trigonometric ratios

	Chapter- 9 Some Applications of Trigonometry	identities by using three fundamental identities. Recalls 6 trigonometric ratios. □ Visualises eye movement while observing an object. □ Acquires knowledge of line of sight, horizontal line which make angle of elevation and angle of depression. □ Draws figures of the problems by making use of angles of elevation and depression and applies trigonometric ratios to reach the solutions. □ Applies the concept of trigonometry in solving problems of daily life context like finding heights of different structures and distances between them. Skills	To find the height of a building using a clinometer.
SEPTEMBER	Chapter- 10 Circles Chapter 12 Areas Related to Circles HALF YEARLY	Demonstrates three possibilities for intersection of a line and a circle in a plane and then defines tangent and secant to circle □ Understands the results of circle and proves the theorem - 2 tangents drawn from external point are equal in length, geometrically and practically. □ Applies the theorems in various problems. Recalls the concept of circumference of circle and solves problems of daily life situations. Identifies and applies the terms major/minor sector, major/minor segment, angle subtended by the arc at the centre. □ Applies the formulas of area of sector, segment and length of an arc in the problems. □ Calculates area of combined plane figures	To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point. To obtain formula for area of a circle experimentally.
OCTOBER	Chapter 14 Statistics Chapter 13 Surface	Recalls the basic terms of Statistics. □ Calculates mean of grouped data by different methods - direct, assumed mean method. □ Determines the modal class and median class to find mode and median of grouped data respectively. □ Applies formulas of median and mode and solves problems of daily life situations.	To draw a cumulative frequency curve (or an ogive) of less than type. To obtain formula for area of a circle experimentally.

	Areas and Volumes Chapter 15 Probability PERIODIC -III	Recalls solid figures and formulas of their C.S.A, T.S.A and volumes. □ Identifies combined solid figures. □ Calculates surface area and volume of combined solid figures by using formulas and general understanding. □ Transforms a solid shape to another solid and compares and analyses their surface area and volume. □ Uses the concepts of S.A. and volume for variety of 3-D objects to apply in real life situations. Defines the different terms - outcome, event, elementary event, sure event, impossible event, complementary events etc. □ Associates probability as a chance and uses formula to find probability of an event. □ Verifies the sum of all probabilities of all the elementary events is 1. □ Justifies that for any E, E' stands for not E and shows $P(E) + P(E') = 1$. □ Validate the maximum and minimum values of probability i.e. $0 \leq P(E) \leq 1$ □ Applies the concepts to solve problems of daily life situations	To determine experimental probability of 1, 2, 3, 4, 5 or 6 by throwing a die 500 times and compare them with their theoretical probabilities.
NOVEMBER	REVISION TEST	ONE MARK, TWO MARK, CASE BASED QUESTION	
DECEMBER		PRE BOARD –1 PRE BOARD –2	
JANUARY		PRE BOARD –3 PRE BOARD –4	
FEBRUARY		PRE BOARD –5 PRE BOARD –6	
MARCH		ANNUAL EXAMINATION	

AALAYA ACADEMY**GRADE X CURRICULUM****SUBJECT: SCIENCE****BOOK: NCERT TEXTBOOK – SCIENCE**

MONTH	CONTENTS	LEARNING OUTCOMES	ACTIVITIES
April	CHAPTER 1 Chemical reactions and equations	- Understand the concept of chemical reactions and their types - Learn about the different types of chemical equations - Understand the role of energy in chemical reactions	- Demonstration of different types of chemical reactions - Group activity to identify the reactants and products in different chemical equations - Video on the role of energy in chemical reactions Preparing a temporary mount of a leaf peel to show stomata . Experimentally show that carbon dioxide is given out during respiration.
	CHAPTER 5 LIFE PROCESSES	Students will know and understand: Different modes of nutrition. Define respiration and explain its importance in plants and animals. Define transportation and explain its importance in plants and animals.	Determination of the equivalent resistance of two resistors when connected in series and parallel
	CHAPTER 11	Understand	

	Electricity	about excretion To make concept of electric charge, electric current and circuit clear to the students in an easy but interesting in manner . To show Textbook numerical problem related to the topic.	
MAY	CHAPTER 2 ACID, BASES AND SALTS CHAPTER 9 LIGHT – REFLECTION AND	Students will be able to : know about Chemical properties of acids , bases and salts . Know about various indicators. Know about pH and its importance . Know the practical applications of acids, bases and salts To enable learners to: ● Identify the different types of behaviours of light.	Finding the pH of the following samples by using pH paper / universal indicator. - Dilute HCl - Dilute NaOH solution - Dilute Ethanoic acid solution - Lemon juice - Water - Dilute Hydrogen carbonate solution 1. Determination of the focal length of : - Concave mirror - Convex mirror 2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence . Measure the angle of

JULY	PERIODIC 1 CHAPTER 4 CARBON AND ITS COMPOUNDS	Students will be able to understand structure of eye and different parts of eye, ,terms related to human eye, defect of vision and their correction . To enable students 1. To understand various properties of carbon compounds, cleaning action of soap, action of soap on hard and soft water. 2. To apply concept in daily life. 3 To differentiate between soap and detergent.	of ethanol and its effect on the society. 1.To study the binary fission and budding in Amoeba and yeast through permanent slides. 2.To study the parts of dicot seeds. 3.To dissect the and study the parts of flower (unisexual and bisexual) 4.To observe the T.S. of ovary and anther under microscope.
	CHAPTER 7 HOW DO ORGANISM REPRODUCE?	student will learned about that reproduction at it basic level involves making copies of blue print of body design they will able to relate importance of variation .they will also learned various modes of reproductions.	To plot magnetic lines of force around a bar magnet.
	CHAPTER12 MAGNETIC EFFECTS OF ELECTRIC CURRENT	students will learned about reproductive system and its working. They will learned various birth control measures to check population growth and S.T.Ds To understand meaning of term magnetic field, field lines, force on a current	1. Pedigree Analysis of individually for their family members- Height, Color of eye, Hair color, Blood group, Ear lobes, Eye disorder, diabetes . 2. To flip the coin and to sketch a face with different traits using genetic trait chart. Find out from the library , internet or newspaper reports,which chemicals are responsible for the depletion of the ozone layer.

AUGUST	PERIODIC - 2	carrying conductor , Fleming's left hand rule and electromagnetic induction.	
	CHAPTER 8 HEREDITY		
	CHAPTER 13 OUR ENVIRONMENT	students will learn about genes and genetics and Mendel laws of inheritance, they will able to understand that how sex is determined in human, they will able to differentiate between inherited and acquired traits. students will learned about various food chain and web in ecosystems ,they will understand how our activities are deteriorating the environments like depletion of ozone layer ,they will learn about how to use and manage biodegradable substances. Three R concept, forest and wild life and their stake holders, sustainable management, water conservation and harvesting, various methods of reducing energy consumption and using eco-friendly energy consumption patterns.	

SEPTEMBER	HALF YEARLY	REVISION AND ASSESSMENT	
OCTOBER	PERIODIC - 3	REVISION AND ASSESSMENT	
NOVEMBER	REVISION TEST	REVISION AND ASSESSMENT	
DECEMBER	PRE BOARD – I PRE BOARD – II	REVISION AND ASSESSMENT	
JANUARY	PRE BOARD – III PRE BOARD – IV	REVISION AND ASSESSMENT	
FEBRUARY	PRE BOARD – V PRE BOARD – VI ANNUAL EXAMINATION	REVISION AND ASSESSMENT	

AALAYA ACADEMY**GRADE 10 CURRICULUM****SUBJECT: SOCIAL SCIENCE**

**BOOK: NCERT TEXTBOOKS – India & the Contemporary World – II, Contemporary India
Part II, Understanding Economic Development, Democratic Politics II.**

MONTH	CONTENT	LEARNING OUTCOMES	ACTIVITIES
APRIL	Brief discussion on the disciplines of social science.	Timeline of the events around the world. Important events that influenced the course of history.	
JUNE	History Chapter 1 The Rise of Nationalism in Europe Geography Chapter 1 Resources and Development Civics	• Infer how the French Revolution had an impact on the European countries in the making of nation state. • Comprehend the nature of the diverse social movements of the time. • Analyse and infer the evolution of the idea of nationalism which led to the formation of nation states in Europe and elsewhere. • Evaluate the reasons which led to the First World War. • Enumerates how the resources are interdependent, justify how planning is essential in judicious utilization of resources and the need to develop them in India. • Infers the rationale for development of resources. • Analyse and evaluate data and information related to non-optimal land, utilization in India Appraise and infer the need to conserve all resources available in India. • Suggest remedial measures for optimal utilization of underutilized resources.	Map activity familiarising the location of various places studying the map of Europe after the Congress of Vienna 1815 and locating important places on the political outline map of Europe. Brainstorming on how the resources are interdependent in nature and the need to develop them in India and present in the form of a Venn diagram.

	Chapter 1 Power Sharing Economics Chapter 1 Development PERIODIC- 1	• Enumerate the need for power sharing in democracy. • Analyse the Challenges faced by countries like Belgium and Sri Lanka ensuring effective power sharing. • Compare and contrast the power sharing of India with Sri Lanka and Belgium. • Summarize the purpose of power sharing in preserving the unity and stability of a country. • Enumerate and examine the different processes involved in setting developmental Goals that helps in nation building. • Analyse and infer how the per capita income depicts the economic condition of the nation. • Evaluate the development goals that have been set for the nation by the Planning commission of India -with specific reference to their efficacy, implemental strategies, and relevance to current requirements of the nation. • Compare and contrast the per capita income of some countries and infer reasons for the variance. • Analyses the multiple perspectives on the need of development.	Classroom discussion on challenges faced by Belgium& Sri Lanka in ensuring effective power sharing. Graphic organizer to compare the t relation between HDI (Human Development Index) and PCI (Per Capita National Income)
	JULY History Chapter 2 Nationalism in India	• Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging. • Evaluate the effectiveness of the strategies applied by Gandhi and other leaders in the movements organised by him. • Summarise the effects of the First	Make a sequence chart of the Events in the Nationalism phase in India.

		World War that triggered the two defining movements (Khilafat & Non Cooperation Movement) in India	
	Geography Chapter 2 Forest and Wildlife Resources	• Examine the importance of conserving forests and wildlife and their interdependency in maintaining the ecology for the sustainable development of India. • Analyse the role of grazing and wood cutting in the development and degradation. • Summarizes the reasons for conservation of biodiversity in India under sustainable development.	Collect pictures of Endangered and Extinct species in India so far and make a collage.
	Civics Chapter 2 Federalism	• Infer and appreciate how federalism is being practised in India. • Analyse and infer how the policies and politics that has strengthens federalism in practice.	Make a small Booklet on Federalism.
	Economics Chapter 2 Sectors of the Indian Economy	• Analyses and infer how the economic activities in different sectors contribute to the overall growth and development of the Indian economy. • Propose solutions to identified problems in different sectors based on their understanding. • Summarize how the organised and unorganised sectors are providing employment and the challenges faced by them. • Enumerates the role of unorganised sector in impacting PCI (Per Capita Income) currently and proposes suggestive steps to reduce the unorganised sector for more	Collect Newspaper article where organise and unorganised sectors are providing employment and make a scrap book.

	productive contributions to GDP. - Enumerates and infer the essential role of the Public and Private sectors he present trends of PPP and efficacy of the initiative. - Examine the reasons for conservation of water resource in India. - Analyse and infer how the multipurpose projects are supporting the requirement of water in India. - Examines the role and differences of Gender, religion and Caste in practicing Democracy in India. - Analyses the different expressions based on these differences are healthy or otherwise in a democracy. - Summarize the changes that transformed the world in terms of economy, political, cultural and technological areas. - Depict the global interconnectedness from the Pre modern to the present day. Enumerate the destructive impact of colonialism on the livelihoods of colonised people	Prepare a PPT to Summarize the roles of Multipurpose projects in supporting the water requirement of India. Graphic method to analyse and infer how different expressions based on differences in Gender, Religion and Caste are healthy or unhealthy in a democracy. Inter disciplinary Project with chapter 7 of Geography: Lifelines of National Economy and chapter 4 of Economics: Globalization and the Indian Economy.
	Geography Chapter 3 Water Resources Civics Chapter 3 Gender, Religion and Caste History Chapter 3 The Making of the global world PERIODIC- II	
AUGUST	Geography Chapter 4 Agriculture	- Examine the crucial role played by agriculture in our economy and society. - Analyses the challenges faced by the farming community in India. Use of graphic organizers to distinguish the traditional and modern farming methods.

	Chapter 5 Minerals and Energy Resources Economics Chapter 3 Money and Credit Chapter 4 Globalisation and the Indian Economy Civics Chapter 4	- Identifies and summarizes various aspects of agriculture, including crop production, types of farming, modern agricultural practices, and the impact of agriculture on the environment. - Analyses the challenges faced by the farming community in India. - Differentiates between the conventional and nonconventional sources of energy. - Analyses the importance of minerals and natural resources for economic development of the country. - Suggests strategies for sustainable use of natural resources - Enumerate how money plays as a medium exchange in all transactions of goods and services since ancient times to the present times. - Analyse and infer various sources of Credit. - Summarizes the significance and role of self-help groups in the betterment of the economic condition of rural people/ women. - Enumerate the concept of globalization and its definition, evolution, and impact on the global economy. - Evaluate the key role of the key major drivers of globalization and their role in shaping the global economic landscape in various countries. - Comprehends the significance of role of G20 and its significance in the light of India's present role.	Prepare of flow chart to Differentiate between the conventional and non-conventional sources of energy. Make a report on Self Help Groups as a Reporter to a famous Newspaper. Make a power point presentation on Globalisation and its Effects. Prepare flow chart to
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	Political Parties	• Understand the process of parties getting elected. • Know the significance of right to vote and exercise the duties as citizen of nation. • Examine the role, purpose and no. of Political Parties in Democracy	bring out the role, purpose and no. of Political Parties.
SEPTEMBER	History Chapter 4 The Age of Industrialisation Geography Chapter 6 Manufacturing Industries Civics Chapter 5 Outcomes of Democracy	• The growth of new ideas and practices across the world (including humanism, mercantilism, industrialisation, scientific developments and explorations, imperialism, colonialism, the rise of new nation-states across the world, and various technologies including the most current) and how they affected the course of world history. • Enumerates the impact of manufacturing industries on the environment and develop strategies for sustainable development of the manufacturing sector. • Differentiates between various types of manufacturing industries based on their input materials, processes, and end products, and analyse their significance in the Indian economy. • Analyses the relation between the availability of raw material and location of the industry.	Periodic Assessment only. Utilizes the textual information (data given through various maps/ graphs) to enumerate the impact of manufacturing industries on the environment and develop strategies for sustainable development of the manufacturing sector. Graphic organizer to

	HALF YEARLY EXAMINATION	Enumerates how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity.	enumerate how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity.
OCTOBER	History Chapter 5 Print Culture and the Modern World Geography Chapter 7 Lifelines of National Economy PERIODIC III	- Enumerate the development of Print from its beginnings in East Asia to its expansion in Europe and India. - Comment on the statement that the print revolution was not just a way of producing book but profound transformation of people. - Compare and contrast the old tradition of handwritten manuscripts versus the print technology. Summarise the role of Print revolution and its impact. Map work only	Prepare a Power point presentation on the chapter Print Culture. Map work only
NOVEMBER	Revision		
DECEMBER	PRE BOARD – I PRE BOARD -II		
JANUARY	PRE BOARD – III PRE BOARD -IV		
FEBRUARY	PRE BOARD –V PRE BOARD -VI		
MARCH	YEARLY EXAMINATION		