

## **Indian School Wadi Kabir**

Class: X

ISWK SHARING KNOWLEDGE (Monthly Plan - April 2021)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH		A Triumph of Surgery  Prose- Nelson Mandela- Long walk to Freedom  Poem-A Tiger in the Zoo	A Triumph of Surgery  Prose- Nelson Mandela- Long walk to Freedom  Poem-A Tiger in the Zoo  Formal Letter based on a given situation	Prose- The Thief's story  Prose- His First Flight  Black Aeroplane  Formal Letter based on a given situation	Prose- The Thief's story  Prose- His First Flight  Black Aeroplane  Prose- The Midnight Visitor  Formal Letter based on a given situation	Learners use the figurative meaning of words and phrases. pupils learn to identify and appreciate significant literary devices used in the poem. learners write official letters in order to demonstrate creativity, critical thinking and correspondence.
MATHEMATICS		Real Numbers  * Revisiting Rational Numbers and	Pair of Linear Equations in Two Variables	Pair of Linear Equations in	Polynomial s	Real Numbers  Understands the decimal expansion of rational numbers from the prime

	their Decimal Expansion.  Pair of Linear Equations in Two Variables  * Graphical Method of Solution of a Pair of Linear Equations	* Algebraic Methods of Solution of a Pair of Linear Equations	Two Variables **Word Problems	*Relationship between the Zeroes and Coefficients of a Polynomial  *Division Algorithm for Polynomials	factorisation of their denominators.  Pair of Linear Equations in Two Variables  Cites examples for a pair of linear equations in two variables.  Acquires skill in representing the pair of equations graphically.  Understands the algebraic methods of solving a pair of linear equations.  Able to determine whether the system of equations have unique solution, infinite or no solution.  Applies the system of equations in real life situations.  Polynomials  Explains the relationship between zeroes and coefficients of a polynomial.
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					Understands methods of division of one polynomial by another.  Able to factorize quadratic, cubic and biquadratic polynomials.
SCIENCE PHYSICS	Ray diagrams for the image formation by concave and Convex mirrors.	Uses of concave and convex mirrors.  Sign convention for reflection by spherical mirrors. Mirror Formula and Magnification. Numerical	Mirror Formula and Magnification.  Numerical  Refraction of light.  Refraction of light through glass slab  Laws of refraction.  The refractive index.	Refraction of light through glass slab Laws of refraction. The refractive index.	Understanding the ray diagrams Apply on the numericals related
CHEMISTRY	· Types of Reactions	Corrosion and rancidity	CHAPTER 2: ACIDS AND BASES	Chemical properties of Acids and Bases	Understanding the types of reaction comparison between corrosion and rancidity applying on the acids and bases - chemical equations.

		Worksheet discussion	Introduction Chemical properties of Acids and Bases		understanding the properties of acids and bases
BIOLOGY	Nutrition in human beings.  Respiration- Introduction	Types of respiration  Respiration in fishes.  Transportation  -Circulatory system in humans  a) Blood  -Functions	b) Structure and functioning of human heart  Double circulation-Mech anism of double circulation	c)Blood Vessels-Arteries, Veins and capillaries Clotting Lymph-Functions	understanding the process of nutrition respiration , various functions involved.
Social Science	Resources and Development  The Rise of Nationalism in Europe  Development	Resources and Development  The Rise of Nationalism in Europe  Development	Resources and Development  The Rise of Nationalism in Europe  Development	Resources and Development  Power Sharing  Development	To acquire knowledge about the Classification of Resources  To acquire knowledge about the various factors helped for the rise of Indian Europe  To understand the need and importance of power sharing.

					Recognize the Evils of the principles of Majoritarianism  To understand the Concept of Development and the various factors needed for it.  Recognize and analyses the the need of the Development of a country- How it differ from country to country
MALAYALAM 2 <sup>ND</sup> LANGUAGE	പ്രിയദർശനം, ക്ഷണക്കത്ത്	കടൽത്തീരത്ത്, മാത്വഭാഷാപഠനം	ലക്ഷ്യണസാന്ത്വനം, വായനാശീലം, Poem Recitation	ഞാൻ കഥാകാരനായ കഥ, പരാതിക്കത്ത്, പത്രവാർത്ത	ഉച്ചാരണശുദ്ധി മനസ്സിലാക്കുന്നു. അക്ഷരഘടനയും വാക്യഘടനയും വേർതിരിച്ചറിയുന്നു പാഠവായനയ്ക്ക് സമർത്ഥരാകുന്നു. ഉത്തരരൂപീകരണത്തിന് പ്രാപ്തരാകുന്നു.
HINDI 2 <sup>ND</sup> LANGUAGE	स्पर्श - बड़े भाई साहब	मुहावरे , लघु कथा स्पर्श -मीरा पद		समास पत्र लेखन	भाषा ज्ञान में वृद्धि , स्वाभाविक अभिव्यक्ति का विकास , नैतिक मूल्यॲ का विकास - मधुर वचन -प्रेम का महत्त्व -अहंकार का त्याग आदि । सार्थक पढ़ाई करने की सीख , भक्ति कालीन रचनाओं की जानकारी , लेखन कौशल का विकास।
FRENCH 2 <sup>ND</sup> LANGUAGE	Leçon 2	Leçon 2	Leçon 3  * Les pronoms	Leçon 3  * Se renseigner	Understanding and applying le future anterieur demander, donner un renseignement, la forme

	* Le futur antérieur  * Demander un avis  * Demander / Donner un  renseigneme nt	* La forme nominale * Le système d'éducation en France/en Inde	relatifs: simples et composé * Le CV	* Décrire la carrière  professionnelle  * Conseiller  quelqu'un	nominale, le système d'éducation en france et en inde les pronoms, Le CV decrire la carriere
COMPUTER SCIENCE	Chapter- 1 DBMS  Importance of DBMS,Introduc tion to Client-Server Architecture,W hat is Database,Why to learn DBMS,Applicat ions of DBMS	Components of a Database System, Worksheet solving on DBMS	Chapter- 2 MYSQL,Introducti on to MYSQL Overview of SQL and MySQL Features of SQL	Advantage of SQL  Practical Session on Creating Database and Basic Commands	Understanding Database management system, learn a new RDBMS- MySQL and its basic commands

ART	Introduction to new topics covered during this academic year.	Create a Design based on Traditional and Folk Art Style.	Draw the outline carefully with all details.	Colour the artwork carefully.	Learning the value and Techniques of Traditional and Folk Art form.
INDIAN MUSIC	Review of materials.  Discussions on Art and Culture.	Theories of understanding Art and Culture of Indian Music.T	Short Notes on the important aspects of Music, e.gSangeet, Laya, Swaras (komal, Teevra, Suddha), Saptak etc.	learning Motivational songs for Independence Day.	Discussions on Folk Culture and learning Folk songs of various Regional languages.
WESTERN MUSIC	Introduction To Ilhatdes  history of chords  significanc e of chords in modern music, contempor	Chords on the instruments  Major 7th ,Minor 7th and 7th chords  Sheet Music notations	Music as a Language  chord symbols  chor members and inversions	Song sheets  chapter activity on the musical instruments	<ul> <li>Learn to recognise chord patterns in songs</li> <li>Read Music from notations</li> </ul>

		ary and Jazz music				
DANCE		Revising all basic adavus	Ettadavu	Sarakka adavu	mandi adavu	
PHYSICAL EDUCATION	a t	HUMAN BODY: Systems of Human Body Knowledge about different types of physical activity	HUMAN BODY: Growth and Development Process of growing up and hormonal changes	HUMAN BODY: Stretching and warm ups Exercises and breathing	YOGA:  flexibility: Meaning and importance of stretching and flexibility  Suryanamaskar  12 step sun salutation	

## Class: X

## **Indian School Wadi Kabir**

ISWK SHARING KNOWLEDGE (Monthly Plan - May 2021)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	Poem- How to Tell Wild Animals  Poem- The Ball  Poem	Prose- A Question of Trust Prose- From the Diary of Anne Frank Analytical Paragraph Writing		Prose- Footprints without Feet  Prose- The Hundred Dresses- Part-1  Grammar Analytical Paragraph Writing	Prose- Footprints without Feet  Prose- The Hundred Dresses- Part-1  Grammar Analytical Paragraph Writing	Pupils learn to read, comprehend and respond to complex texts independently in order to demonstrate transition from learning to read to reading to learn. Learners talk on key contemporary issues like social justice, gender discrimination. Children read stories and literary texts with understanding for pleasure and enjoyment in order to demonstrate ability to discuss with comprehension and reasoning skills.
MATHEMATICS		Triangles		Triangles	Statistics	Triangles

*Introduction- BPT *Similar Triangles *Area ratio theorem	*Pythagoras theorem and its Converse	*Pythagoras theorem and its Converse	*Introduction.  *Mean of grouped data	Identifies similar objects and similar figures.  Discriminates between different similarity criteria.  Understands the proof of BPT, Area-ratio theorem, Pythagoras theorem and its converse.  Learns to implement these theorems in different situations.  Statistics  Understands the different methods to find mean of a grouped data.  Implements the formulae in simple and complex problems.
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SCIENCE PHYSICS	Numerical.  Refraction by spherical lenses. Principal focus of convex and concave lens. Image formation by lenses.	Ray diagrams for the Image formation by Convex and concave lenses.	Lens formula and magnification.  Numerical.  PRE MID TERM - revision	Power of the lens  Numerical.  Exercise and worksheet.	CHAPTER-HUMAN EYE AND COLOURFUL WORLD. Human eye. Its parts and functions.	understanding-Refraction by spherical lenses. apply on numerical related
CHEMISTRY	Chemical properties of Acids and Bases Reactions of metallic and non-metallic oxides	Acids and bases in water solution  Common factor in acids and bases.  pH	Importance of pH in everyday life Salts Family of salts pH of salts PRE MID TERM - revision	Chemicals from common salt  Bleaching powder and uses  Baking Soda and Uses  Water of crystallization	Chemicals from common salt —(contd)  Washing soda-preparation and uses.  Plaster of Paris	understanding the properties of acids and bases understanding the chemical equations related to chemicals

BIOLOGY	Transportati on in plants Ascent of sap : Transpiration-pull : Root pressure : Translocation	Excretion  -Excretory system in humans  Excretion in plants.  Revision for PRE-MID TERM	NATURAL RESOURES  Our environment: Biodegradable and non-biodegradable substances.	Ecosystem – What are its components	Food chains and Webs  Ten percent law  Problems  Biomagnification	understanding the process of excretion , various natural resources, and ecosystem. Apply on the numerical related.
Social Science	Agriculture Federalism Development	Agriculture Federalism Development	Agriculture Federalism Development	manufacturing Industries  Nationalism in India  Sectors of Indian Economy	manufacturing Industries  Nationalism in India  Sectors of Indian Economy	To acquire knowledge about the role of Industries in modernisation of the country  To acquire knowledge about the various factors helped for the rise of Indian Nationalism

						To understand the features of federalism and the factors which make India a federal country  To understand the Concept of Development and the various factors needed for it
MALAYALAM 2 <sup>ND</sup> LANGUAGE	ഓണമുറ്റത്ത്, പ്രയോഗം, വൃദ്ധജനസംരക്ഷണം	യുദ്ധത്തിന്റെ പരിണാമം, അംഗവാക്യം അംഗിവാക്യം, അഴിമതി നിർമാർജനം Reading comprehension	കൊച്ചുചക്കരച്ചി, ആത്മാവിൻറെ വെളിപാടുകൾ, വാകൃശുദ്ധി, പ്രകൃതിസംരക്ഷണം	ആത്മാവിൻറെ വെളിപാടുകൾ, അമ്മത്തൊട്ടിൽ, അധികാരിക്കുള്ള കത്ത്	അമ്മത്തൊട്ടിൽ, അക്കർമാശി	ഉച്ചാരണശുദ്ധിയും പദശ്ചദ്ധിയും മനസ്സിലാക്കുന്നം. വാക്കുകളും പ്രയോഗങ്ങളും പേർതിരിച്ചറിയുന്നു. പാഠവായനയ്ക്ക് സമർത്ഥരാകുന്നു.
HINDI 2 <sup>ND</sup> LANGUAGE	स्पर्श - तताँरा वामीरो स्पर्श - मनुष्यता	स्पर्श-मनुष्यता स्पर्श - पर्वत प्रदेश	पर्वत प्रदेश contd स्पर्श -अब कहाँ पूर्व मध्यावधि परीक्षा ( PRE-MID TERM EXAM)	अब कहाँ दूसरे <b>व्याकरण-</b> वाक्य-रूपांतरण	सूचना—लेखन	अंडमान -निकोबार की लोक कथा की जानकारी , मनुष्यता - गुणॲ का ज्ञान , प्रकृति प्रेम , वाक्य के भेद और रूपांतरण की जानकारी । स्वाभाविक अभिव्यक्ति और कल्पनाशीलता का विकास ।

	Leçon 4	Leçon 5 –	Leçon 5 –	Leçon 6 –	Leçon 6 –	
FRENCH 2 <sup>ND</sup> LANGUAGE	* Le plus-que- parfait  * S'inscrire à la Bibliothèque  * Inviter quelqu'un  * Raconter une	* Les pronoms  personnels : y, en  * La forme nominale  * L'information  * Le verbe :	* Les nouvelles  * Raconter des faits  divers  * Décrire une  émission télévisée	* Les pronoms  démonstratifs  simples et  composés  * Le pronom 'on'  * L'emphase :	* Inviter quelqu'un  * Raconter une histoire  * Décrire une visite  au musée/au	Understanding and applying les pronoms, les nouvelles, inviter quelqu'un, la forme nominale, l'information, le verbe, décrire une émission télévisée , le pronom, décrire une visite au musée
	fable / un événement	« s'informer »	PRE-MID TERM	c'estqui, c'estque * Les loisirs PRE-MID TERM	cinéma  * Le résumé d'un  Film  PRE-MID  TERM	
COMPUTER SCIENCE	Chapter- 2 MYSQL	Chapter- 2 MYSQL	Chapter- 2 MYSQL  SQL DML Commands introduction	PRE-MID TERM	PRE-MID TERM	Understanding the Introduction to basic commands, creating tables and inserting the records into the table.

	Classification of SQL Statement  1. Data Definition Command (DDL)  2. Data manipulation Command (DML)  Practical Session on Create Commands	SQL DDL Commands introduction.				
ART	The artwork is completed with necessary details.	Create a simple Abstract or a Semi Abstract Design	Draw the composition to its detail.	Colour the design as per your choice.	The artwork should be aimed for aesthetic value.	To create Abstract and Semi Abstract design on their own.
INDIAN MUSIC	Discussions on Folk Culture and learning Folk songs of various Regional languages.	Feature of the Classical Ragas. Selection of solo singers for Inter House Music Competition.	Explaining important aspects of Music, e.gSangeet, Laya, Swaras (komal, Teevra, Suddha), Saptak etc.	Learning and practice of Motivational songs 9with orchestra) for Independence Day		Theories of understanding Art and Culture of Indian Music.

WESTERN MUSIC	Cycle of Fifths & key signatures	Progressions  ◆ I-V7 pre  ◆ progressions	Music as a language  ♣ how to read and	Song sheets  * activity on the	pre mid term grading activity.	Review of materials for programs and competition.  • learn the cycle of fifths, • learn how to use the cycle
	<ul> <li>cycle of Fifths in flats and sharps</li> <li>key signatures</li> <li>Cycle of fifths diagram</li> </ul>	<ul><li>ii-V7-I     popular     progressions</li></ul>	play chord progressions	musical instruments		in playing a song or analysing a song.
DANCE	Revising all basic adavus	practicing with songs	dance practice	tatti mettu adavu		
PHYSICAL EDUCATION	ORIENTATION TO PHYSICAL EDUCATION AND SPORTS EDUCATION Relationship of physical education with other discipline of knowledge	PHYSICAL EDUCATION History of Games and sports How were games and sports formulated and their evolution	Sports and Games  Rules book in sports  Knowledge about rules in different sports	Information about fundamental skills required to play a sport  Sports skills Indoor, outdoor, playground sports	Career in physical education  P.E as an elective subject career and future scope	

	Indian School Wadi Kabir Class: X ISWK SHARING KNOWLEDGE (Monthly Plan - June 2021)						
SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes	
ENGLISH	Prose- The Making of a Scientist  Prose- The Hundred Dresses- Part-1(Continued)	Prose- The Making of a Scientist  Prose- The Hundred Dresses- Part-2	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Learners listen to and discuss literary and non-literary inputs in varied contexts to infer, interpret and appreciate. Pupils speak with coherence and cohesion while participating in interactive tasks.	

MATHEMATICS	*Mode and Median of grouped data  * Ogives	Introduction to Trigonometry  *Trigonometric Ratios of some specific Angles and Complementary angles	SUMMER	SUMMER	SUMMER	Understands the formulae to find mode and median of a grouped data.  Implements the formulae in simple and complex problems.  Introduction to Trigonometry  Identifies trigonometric ratios for a given angle in a right triangle.  Recognises the trigonometric ratios of specific angles.  Understands trigonometric ratios of Complementary angles.
SCIENCE PHYSICS	HUMAN EYE AND	and their correction.	BREAK	BREAK	BREAK	parts of the human eye apply on the numerical related

	COLOURFUL WORLD.  Human eye. Its parts and functions. Power of accommodation.	Numerical on Defects of vision.				
CHEMISTRY	METALS AND NON METALS  Physical properties of metals and non metals	Chemical properties of metals-Reaction of metals with oxygen.	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Understanding the chemical properties of metals and non metals applying on the TBQs
BIOLOGY	Eco-system, Environmental problems,  Ozone layer and how it is getting depleted	Managing the garbage, we produce - Waste production and their solutions.	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	Understanding the ecosystem and the various environmental issues applying on the concepts related questions.
Social Science	manufacturing Industries Nationalism in India	manufacturing Industries Gender caste and Religion	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	To acquire knowledge about the role of Industries in modernisation of the country

	Sectors of Indian Economy	Sectors of Indian Economy				To acquire knowledge and understand about the various Gender inequalities existing in Indian Society-Measures taken by the Govt to reduce it  To understand about the role of the various sectors and their contributions to the Indian Economy  To acquire knowledge about the various factors helped for the rise of Indian Nationalism
MALAYALAM 2 <sup>ND</sup> LANGUAGE	അശ്വമേധം	പ്ലാവിലക്കഞ്ഞി, പാവങ്ങൾ	Summer Break	Summer Break	Summer Break	ഉച്ചാരണശുദ്ധിയും പദശുദ്ധിയും മനസ്സിലാക്കുന്നു. അക്ഷരഘടനയും വാകൃഘടനയും പേർതിരിച്ചറിയുന്നു. ഉത്തരരൂപീകരണത്തിന് പ്രാപ്തരാകന്നു.
HINDI 2 <sup>ND</sup> LANGUAGE	लेखन - विज्ञापन	विज्ञापन (contd) पदबंध	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	भाषा के व्यावसायिक रूप से परिचय , किसी भी उत्पाद ,वस्तु और सेवा के प्रचार के लिए विज्ञापन तैयार करने की कला का विकास।
FRENCH 2 <sup>ND</sup> LANGUAGE	Leçon 7 –	Leçon 7 –	SUMMER BREAK	SUMMER BREAK	SUMMER BREAK	

	* Les pronoms  possessifs  * Parler de la  bonne forme  physique  Pre-Mid Term	* Discuter de bonnes habitudes de vie  * S'informer de la santé de quelqu'un				Understanding and applying les pronom possessifs, parler de la bonne forme physique, revision for PMT, discuter de bonnes habitudes de vie,S'informer de la santé de quelqu'un
COMPUTER SCIENCE	SQL MYSQL commands and solving more practical based questions.	Worksheet solving of MySQL	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	Understanding the practical applications of MYSQL concepts through programs.

ART	Create commands Insert commands Select commands The colouring work will be continued.	The Artwork is completed with necessary details.	Summer Break	Summer Break	Summer Break	To create Abstract and Semi Abstract design on their own.
INDIAN MUSIC	Feature of the Classical Ragas. Selection of solo singers for Inter House Music Competition.	Review of melodies.	Vacation	Vacation		
WESTERN MUSIC						
DANCE	Grading	Grading	Grading			
PHYSICAL EDUCATION	PHYSICAL EDUCATION  Knowledge about Awards in sports. Various sports personalities on whom these awards conferred	Yoga: Stress and factors inducing stress.  Role of Yoga in stress management	SUMMER VACATION	SUMMER VACATION	SUMMER VACATION	