



Indian School Wadi Kabir

Class: VIII

ISWK SHARING KNOWLEDGE
(Monthly Plan - August 2020)

SUBJECTS	Week - 1	Week - 2	Week - 3	Week - 4	Week - 5	Learning Outcomes
ENGLISH	eid holidays	Lit: Rebati Grammar: Articles	MCB: The Nightingale and the glow worm Grammar: Articles	ASL Writing: Paragraph Writing	Paragraph Writing ASL	*Children understand the need of girls' education *Understand the right use of articles. * Children develop effective writing skills, especially paragraph writing. * develop the art of speaking. *Create awareness or appreciation for content, language, style and tone of the poem.
MATHEMATICS	eid holidays	Squares and square roots *Properties of square numbers. *Patterns *Application	Squares and square roots *Square root by repeated subtraction *Square root by prime factorization,	Squares and square roots *square root by Division method, *Square root of decimal numbers,	Cubes and cube roots *Properties of cubes *cube root by prime factorization	* Identifies square number as product of a number by itself. * Understands and recognizes the properties of square numbers. * Identifies the patterns based on square numbers

		<p>*finding square of a number</p> <p>*Pythagorean triplet</p> <p>*Application</p> <p>*Square root by repeated subtraction</p>	<p>*Application</p> <p>* square root by Division method</p>	<p>estimation of square roots.</p> <p>*Application</p>		<p>such as triangular numbers.</p> <p>* Understands there are $2n$ natural numbers between n^2 and $(n + 1)^2$</p> <p>* Understanding a square number can be expressed as the sum of odd numbers starting from 1.</p> <p>*Understands the simple way of finding square of a number by using patterns</p> <p>* Understands and identifies Pythagorean Triplets.</p> <p>*Recognises square root is the reverse of square and the symbol of square root</p> <p>* Understands the methods of finding square root by repeated subtraction, prime factorisation,</p> <p>*Understands the method of finding the square root of decimal numbers.</p>
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						<p>*Estimates the square root of the number with accuracy.</p> <p>* Applies the knowledge of square and square roots to solve the problem in daily life situations and other related topics</p> <p>* Selects appropriate methods to solve the problems.</p> <p>* Acquires the skill of calculation with speed and accuracy.</p> <p>* Develops the traits of neatness and accuracy</p> <p>* Appreciates the role of Mathematics in daily life</p>
SCIENCE	EID HOLIDAYS	<p>Chapter-12-Friction *Fluid friction. Text book exercise and worksheet discussion. Coal and petroleum (Ch-5) Introduction- Exhaustible and inexhaustible resources,</p>	<p>Coal and petroleum (Ch-5) coke, coal tar and coal gas. Petroleum, Refining of petroleum, (Table-5.1), natural gas, some natural resources are limited Text book exercise and worksheet discussion</p>	<p>Chapter 2 - Microorganisms: Friend and Foe *Introduction *Types of microorganisms *Where do microorganisms live? *Friendly microorganisms</p>	<p>Chapter 2 - Microorganisms: Friend and Foe *Disease causing microorganisms in animals *Disease causing microorganisms in plants *Food poisoning</p>	<p>• Students would be able to relate fluid friction and streamlined shape. Coal and petroleum Pupil would be able to</p> <ul style="list-style-type: none"> • Define natural resources. • Distinguish between exhaustible and

		coal-story of coal		<ul style="list-style-type: none"> *Commercial and medicinal use of microorganisms *Vaccine *Increasing soil fertility and cleaning the environment *Harmful microorganisms *Disease causing microorganisms in humans 	<ul style="list-style-type: none"> *Food preservation *Nitrogen fixation *Nitrogen cycle 	<p>inexhaustible natural resources.</p> <ul style="list-style-type: none"> • Classify fuels as coal, petroleum and natural gas. • Describe the process of formation of coal. <p>Pupil would be able to:</p> <ul style="list-style-type: none"> • Discuss the use of coke, coal gas and coal tar. • Understand the formation of petroleum. • Know about the extraction and refining of petroleum. • Examine the importance of petrochemicals in our life. • Evaluate the harmful effects of excessive use of fossil fuels. • Realise the importance of conservation of fossil fuels in our life. • Students would be able to understand and learn about different types of microbes present around us. • Students would be able to explain the different habitats of microbes. • Students would be able to learn about the
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					<p>friendly microbes which help in our daily life. Eg: Making curd and bread, as well as making bhaturas.</p> <ul style="list-style-type: none">•Students would be able to understand the role of microorganisms in making antibiotics and vaccines.•Students would be able to explain the pulse-polio program.•Students would be able to explain the use of microbes in increasing soil fertility and cleaning the environment.•Students would be able to understand the harmful microorganisms.•Students would be able to identify disease causing microorganisms.•Students would be able to understand food poisoning and its causes.•Students would be able to identify and explain the different methods of food preservation.•Students would be able to explain nitrogen cycle with labelled diagrams.
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SOCIAL SCIENCE	Eid Holidays	Why do we need a Parliament. (C)	Colonialism and the City (H)	Understanding Laws (C)	Mineral and Resources(G)	<ul style="list-style-type: none"> ● To understand the Functions of the Parliament ● Recognize the Development of Indian cities Under the colonial Rule ● To acquire knowledge and to understand the importance of the rule of Law ● Recognize the importance of the Non-Conventional Energy Resources
MALAYALAM 2ND LANGUAGE	EID HOLIDAYS	എന്റെ ഗുരുനാഥൻ , പദശുദ്ധി , വാക്യശുദ്ധി	എന്റെ ഗുരുനാഥൻ , വാക്യശുദ്ധി,	എന്റെ ഗുരുനാഥൻ , വാക്യശുദ്ധി, പ്രയോഗം	എന്റെ ഗുരുനാഥൻ , വാക്യശുദ്ധി, പ്രയോഗം	എന്റെ ഗുരുനാഥൻ , വാക്യശുദ്ധി, കത്തെഴുത്ത്
HINDI 2ND LANGUAGE	EID HOLIDAYS	सुदामा चरित (कविता) व्याख्या	सुदामा चरित प्रश्नोत्तर,मुहावरे, उपसर्ग	वाक्य शुद्धि ,विलोम	लाख की चूड़ियाँ (कहानी)	छात्र कविता पढ़ने की कला को सीखेंगे । छात्र विचारात्मक, वर्णनात्मक, बोधात्मक प्रश्नों के उत्तर लिखने तथा बोलने की योग्यता प्राप्त करेंगे।

						छात्र भाषा शिक्षण में प्रोत्साहित होंगे।
FRENCH 2ND LANGUAGE	EID HOLIDAYS	Leçon 11 – Une journée bien chargée. raconter un événement du passé	Le passé composé, les verbes conjugués Les verbes Avec avoir au passé composé.	negations et l'inversion au passé composé	conjugation et est-ce que avec passé composé	Students will be able to To know the new words in French To understand the new verbs, passe compose, and grammar exercises. To apply the concepts for solving exercises, worksheets, revision questions, etc.
MALAYALAM 3RD LANGUAGE	Eid holidays	പാഠം -1 ആ പൂമാല, പദശുദ്ധി , വാക്യശുദ്ധി	പാഠം -1 ആ പൂമാല, പദശുദ്ധി , വാക്യശുദ്ധി Activity : Poem Recitation	പാഠം -1 ആ പൂമാല, പദശുദ്ധി , വാക്യശുദ്ധി Activity : Poem Recitation	പാഠം -2 കളവും പ്രായശ്ചിത്തവും പദശുദ്ധി , വാക്യശുദ്ധി	പാഠം -2 കളവും പ്രായശ്ചിത്തവും, കേരളത്തിലെ ജില്ലകൾ
HINDI 3RD LANGUAGE	Eid holidays	पाठ1-बूढ़ी माँ (कविता) पठन-पाठन, शब्दार्थ, पाठ का अर्थ स्पष्टीकरण,	पाठ के प्रश्नोत्तर, व्याकरण- पर्यायवाची, विलोम	लिंग , वाक्यांश, पाठ 2- बसंत का आगमन (कहानी)	पाठ का अर्थ स्पष्टीकरण, पाठ के प्रश्नोत्तर	शुद्ध उच्चारण का विकास शुद्ध लेखन कौशल का विकास शुद्ध वाक् कौशल का विकास

				पठन- पाठन,शब्दार्थ	(सतत...)	रचनात्मक कौशल का विकास ।
SANSKRIT 3RD LANGUAGE	Eid holidays	अस्माकम् विद्यालयः	अस्माकम् विद्यालयः	अस्माकम् विद्यालयः	चन्द्रगुप्तस्य न्यायः	शुद्धोच्चारणस्य शुद्धिः भवति । लिखितवाक्य रचना अभ्यासः । छात्राः विधिपूर्वक निरीक्षणम् कुर्वन्ति ज्ञानं च प्राप्नुवन्ति ।
ARABIC 3RD LANGUAGE	EID HOLIDAYS	Poem (prayer song)	The Ideal student (lesson)	The Ideal student (cont)	The Ideal student (cont)	Understand the theme of the poem and how to to recite. Understand how to make sentences with past tense verbs
COMPUTER SCIENCE	Eid holidays	Inkscape : Designing of WIFI signal in Tablet , Creating Cartoon characters, Saving project Designing of logos using letters, drawing images using letters	App Development – Introduction to APP (App inventor) for Android and IOs Categories of APPs, Developing of APP	Types of APPs, Working of APPs, Installing a new app manually, Removing an APP	Developing an APP, Testing your App in Android device, Testing your app in Emulator	Students Learn to design Logo and cartoon characters using Inkscape Students learns about App inventor for Android and using it design of App is done as a sample Students learns about installing and testing of new app using emulator

ART	EID HOLIDAYS	PROJECTS RELATED TO LANDSCAPE.AND ALSO MANDALA ART AND DOODLE ART	SIMILAR PROJECTS LIKE 2ND WEEK	SIMILAR PROJECTS RELATED TO LANDSCAPE AND OTHER ART FORMS	CONTD.	STUDENTS EXPERIMENT DRAWINGS RELATED TO LANDSCAPE AND OTHER ART FORMS.
INDIAN MUSIC	Eid Holidays	Revision of previous materials. Learning new patriotic songs.	Teaching of new songs to be continued.	New song on Corona Pandemic. Revision of old songs.	Teaching of new songs (on Pandemic, patriotic etc.) to be continued	Learning songs on contemporary happenings, e.g.- pandemic, patriotism.
WESTERN MUSIC	Eid	c scale chromatic scales	c scale chromatic scales	national anthem india	national anthem india	learn to play national anthem on the musical instruments
DANCE	EID HOLIDAY	THEORY OF BHARATNATYAM DANCE	BHARATNATYAM DANCE AND FREESTYLE STEPS	INDEPENDENCE DAY PRACTICE	PRACTICING	CHILDREN LEARNED DANCE
PHYSICAL EDUCATION		Safety and Security presentation and explanation	Yoga presentation for mental health	Brain Gym presentation.. Super brain yoga	Breathing Exercises presentation and benefits	