

Vailankanni Voice - November 2023

Grade: VIII

| Subject | Week | Topics to be Covered | Learning Outcomes | Number of Assignments/ Worksheets | Number of Assessments | Teacher's Lead Activity | Student's Lead Activity |
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| English | I | Grammar: Homophones, Preposition, Creative writing: Report writing | Demonstrate correct usage and spelling of different homophones, understand and use prepositions to describe the position. Learn to write report. | -/1 | 1 | PPT on Prepositions, Homophones | Application |
| | II | Poem -9 Wind | Understand various poetic devices used in the poem, enjoy and appreciate poetry . | - | 1 | Video on natural elements | Compose a poem based on natural elements in three stanzas using atleast poetic devices |
| | III | Ln-10 The Adventures of Don Quixote | Students will be able to observe how belief overtakes reality | - | 1 | - | Skit |
| | IV | Grammar: Correlative conjunctions , Creative writing: Informal letter | learn the difference between conjunction and correlative conjunction and it's usage ,write informal letter | -/1 | 1 | - | Application |

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| Tamil | I | கல்வி அழகே அழகு, புத்தியைத் தீட்டு, பல்துறைக் கல்வி | கல்வியின் பயனை அறிந்து கொள்ளுதல் | - | 1 | - | பாடலைப் பாடச் செய்தல் |
| | II | ஆன்ற குடிப்பிறத்தல், வேற்றுமை, திருக்கேதாரம் | வேற்றுமை உருபுகளையும் அதன் வகைகளையும் அறிந்து கொள்ளுதல் | -/1 | 1 | - | நாடகம் நடித்தல் |
| | III | பாடறிந்து ஒழுகுதல், நாட்டுப்புறக் கைவினைக் கலைகள், தமிழர் இசைக்கருவிகள் | பழங்கால தமிழர்களின் இசைக்கருவிகளைப் பற்றி அறிந்து கொள்ளுதல் | - | 1 | - | பண்டைய தமிழர்களின் இசைக்கருவிக ளைப் பற்றி தொகுப்பேடு உருவாக்குதல் |
| | IV | தொகைநிலை தொகாநிலைத் தொடர்கள், திருக்குறள் | தொகை, தொகா வகைகளைத் தெரிந்து கொள்ளுதல் | - | 1 | - | திருக்குறள் ஒப்புவித்தல் |
| Hindi | I | Ln 10 Vaasuki kaa Prashna | vaasuki ke bare me jankari karavana | 1 | - | | tiruvallur ke bare me do panktiya likhege |
| | II | Ln 10-Vaasuki kaa Prashna | tiruvallur ke bare jankari prat kiya | | | | |
| | III | Ln 10-Vaasuki kaa Prashna | language skii, Grammar | | | | tiruvallur ki kuchh kavitaye ekatrit karege |
| | IV | Ln 10-Vaasuki kaa Prashna | kavi tiruvallur ke bare anuchchhed | | | | |

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| Maths | I | Chapter 3: Data Handling * Introduction * Representation of Data * Pie chart | Students will be able to * recall facts and basic concepts related to data, like frequency * to know about circle * to find the central angle * to draw a pie chart by using the concept of central angle | - | 1 | Survey | Representation of term 1 marks as piechart |
| | II | Chapter 3 : Data Handling * Probability | Students will be able to * To use appropriate terminology related to probability * To calculate probability of different event * Find favourable outcomes and total outcomes of a particular event | -/1 | 1 | Outcomes using Dice and coins | Outcomes when three coins tossed |
| | III | Chapter 11: Mensuration * Introduction * Area of circle, square, rectangle, rhombus, trapezium * Surface area of solid figures | Students will be able to * Find the area and perimeter of base of square, rectangle, parallelogram, triangle and circle. * Use analytical skills to visualize the given scenario and use the concepts learnt in everyday problem. * Use synthetic skills to solve problems. | - | 1 | Finding the area of the figure using graph sheet | Finding the area of the figure using graph sheet |
| | IV | Chapter 11: Mensuration * Volume of solid figures | Students will be able to * find total surface area and curved surface area of solid shapes. * Volume of solid shapes * Use analytical skills to visualize the scenario and use the concepts learnt in everyday problems * use synthetic skills to solve problems | -/1 | 1 | Forming the solid figures using the net figure and finding its surface area. | Forming the solid figures using the net figure and finding its surface area. |

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| Physics | I | Ch13 : Sound . Foundation: Introduction, Sound is produced by a vibrating body. | Understanding about the vibrating bodies. | - | - | Demonstrating how sound is produced by a vibrating objects. | - |
| | II | Ch13: Sound. Foundation: Sound produced by Humans. | Knowing about how humans produce sound. | - | - | - | - |
| | III | Ch13 : Sound. Foundation: Human Ear, Sound needs a medium for propagation. | Knowing about the functions of different parts of human ear. | - | 1 | Smart board presentation. | - |
| | IV | Ch13: Sound. Foundation: Vibration- Frequency, Amplitude and Time period. | Understanding about the different characteristics of vibrations. | -/1 | - | - | Class room activity to show sound travels in solid , liquid and gases. |
| Chemistry | I | Ch. 2. Combustion and Flame. Foundation: Flame and its types | Children will be able to understand the types and zones of flame | | 1 | Tabulating some common fuels and their calorific values | |
| | II | Ch. 2. Combustion and Flame. Foundation: Classification of fuels, Natural and processed fuels | Children will able to classify the composition of some processed gaseous fuels | 1 | | | Class room activity to show the three different zones of candle flame |
| | III | Ch. 2. Combustion and Flame. Foundation: Managing energy resources | Children will be able to use their analytical skill to manage their energy resources | | 1 | Smart board teaching | |
| | IV | Ch. 2. Combustion and Flame. Foundation: Green house effect | Children will be able to analyze the advantages and disadvantages of Green house effect | | 1 | | Lab activity to prove that carbondioxide is produced during combustion |

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| Biology | I | Ch: 2 Microorganisms: friend and foe. Foundation- Impact of Microbes on humans, useful and harmful microorganisms. Pg: 42-46. | Knowing the Importance of the microbes for the survival of human beings in the world | -/1 | 1 | - | - |
| | II | Ch: 2 Microorganisms: friend and foe. Foundation-Food spoilage, Food preservation, nitrogen cycle, nitrogen fixation. Pg: 47-50. | Exploring the different roles played by the microorganisms. | 1/- | 1 | - | Observing the growth of fungi in a spoilt bread slice |
| | III | Ch: 6 Reproduction in animals. Foundation: Introduction, asexual reproduction, sexual reproduction, oviparous and viviparous animals. Pg:no: 117-119 | Understanding the concept of reproduction. | -/1 | 1 | Tabulating different animals and insects, mentioning their type of reproduction and discussing in the class | - |
| | IV | Ch: 6 Reproduction in animals. Foundation: Reproduction in humans and metamorphosis. Pg:no: 120-126 | Understanding the mechanism of reproduction in humans. | 1/- | 1 | - | Making 2D models of human germ cells in class. |

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| Social Science | I | His.3.Ruling the Countryside | <ul style="list-style-type: none"> *The Company Becomes the Diwan *Revenue for the Company *The need to improve agriculture *A new system is devised *Crops for Europe | - | 1 | Tabulate the collected information of plants species in India, which originated from foreign countries. Find it's origin, uses of their plants and which century it reached India. | |
| | II | Geo.4.Agriculture | <ul style="list-style-type: none"> *Farm System *Types of Farming *Agricultural Development *A Farm in India *A Farm in the USA | - | 1 | | Analyse the percentage of land in India meant for agriculture from 1947 to 2023. |
| | III | Civ.4.The Judiciary | <ul style="list-style-type: none"> *What is the Role of the Judiciary? *What is an Independent Judiciary? *What is the Structure of Courts in India? *What are the different branches of the Legal System? | - | 1 | | Collage making. Make a collage on "Right to Food". |
| | IV | His.4.Tribals, Dikus and the Vision of a Golden Age | <ul style="list-style-type: none"> *How Did Tribal Groups Live? *How did Colonial Rule Affect Tribal Lives? *What happened to the tribal chiefs? *What happened to the shifting cultivation? *Forest Laws and their impact *The problem with trade-A closer look | -/1 | 1 | | Map marking. On the outline map of India mark the main tribes and their regions. |