

Vailankanni Voice - October 2023

Grade: VII

| Subject | Week | Topics to be Covered | Learning Outcomes | Number of Assignments/ Worksheets | Number of Assessments | Teacher's Lead Activity | Student's Lead Activity |
|---------|------|---|--|-----------------------------------|-----------------------|--|---|
| English | I | Ln.7:The Red -Headed League | Learners will be able to understand how to solve the problems and overcome from the obstacles | - | 1 | Video on Sherlock Holmes (Detective story) | Research about forensic and important in solving crimes |
| | II | Grammar :Active and passive voice | Learn about active and passive voice | -/1 | 1 | PPT on Active and passive voice | Application |
| | III | Creative writing: Short story, Newspaper article | Usage of voice in their day to day life | - | - | | Story writing |
| | IV | Ln.8:Delightful kitchen | Learners will appreciate the healthy life style | -1 | 1 | Video on Sailaja a popular food blogger | fireless cooking/ Debate |
| Tamil | I | இயல்:3 நாடு.சமூகம் புலி தங்கிய குகை,பாஞ்சை வளம் | புறநானூற்றுப் பாடலின் மையக்கருத்து வெளிப்படும் வகையில் உணர்ச்சியுடன் வாய்விட்டுப் படித்தல் | - | - | - | பாடல் பாடுதல் |
| | II | இயல்:3 நாடு அதை நாடு தேசியம் காத்த செம்மல் பசும்பொன் முத்துராமலிங்கத் தேவர் | நாட்டுப்பற்றில் சிறந்து விளங்கிய ஆளுமைகள் குறித்த தகவல்களைப் பாடப்பகுதி வழி புரிந்து கொள்ளுதல் | /1 | - | - | நாட்டுக்கு உழைத்த சிறந்த பிற தலைவர்களைப் பற்றிய செய்திகளைத் திரட்டி எழுதுக. |
| | III | இயல்: 3 நாடு அதை நாடு கப்பலோட்டிய தமிழர் | கப்பலோட்டிய தமிழரின் நாட்டுப்பற்றை அறிந்துக் கொள்ளுதல் | - | - | - | மாதிரி வகுப்பு |
| | IV | இயல்:3 இலக்கணம் வழக்கு | சொற்கள் மற்றும் தொடர்களில் பயின்று வரும் வினைமுற்றுகளை அறிந்து பயன்படுத்துதல் | - | - | மனவரைப்படம் | - |

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| Hindi | I | Ln.11.Sir Isaac Newton | Every Activity Of nature teaches us a lesson | 1 | 1 | | panch phal ke chitr AUR un ke nam un phal say milnay walay vitamins A4 Sheet may likhna |
| | II | Ln.11.Sir Isaac Newton | | - | - | - | - |
| | III | Ln 12 .Matha hee Nirmaataa | | 1 | 1 | | Ma kay naam par ek kavita likhiye |
| | IV | Ln 12 .Matha hee Nirmaataa | | - | - | - | - |
| Maths | I | Ch-6 Triangle and its Properties * Introduction * Median and altitude of a triangle * Exterior angle property Foundation: Finding unknown values using exterior angle property. | *Understand the concept of triangle. * Identify the median, altitude and sides of a triangle. * Find the unknown values of a triangle using exterior angle property. | - | 1 | Exterior angle property. | - |
| | II | * Sum of the angles of a triangle. * Two special properties of a triangle. Foundation: Problems on angle sum property of a triangle. | * Understand angle sum property of a triangle and apply it to find the missing angles of a triangle. * Understand the inequality property of the sides of a triangle. | - /1 | 1 | - | Angle sum property of a triangle. |
| | III | * Right angled triangle. * Pythagoras property. Foundation: Pythagorean triplet. | * State and verify the pythagoras theorem. * Apply pythagoras theorem in different contexts. | - | 1 | Pythagoras theorem using grid line sheet. | - |

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| Maths | IV | Ch- 8 Comparing Quantities * Introduction. * Percentage and its conversions. Foundation: Comparison of ratios and Unitary method. | * Find the ratios in the given context. * Convert fractions and decimals to ratios. * Compare the ratios. * Find unknown quantities using unitary method in contextual problems. | - /1 | 1 | - | Find percentage for your daily routine. |
| Physics | I | Ch-13: Motion and Time. Foundation : Simple problems in speed and velocity.Pg: 27 - 29. | Children know how to convert speed in to different units. | - | 1 | | |
| | II | Ch-13: Motion and Time. Foundation : Measurement of time- simple pendulum.Pg: 30 - 32 | Understand about different methods of measuring time. | -/1 | | Activity on simple pendulum. | |
| | III | Ch-13: Motion and Time. Foundation :Distance-Time Graph..Pg: 32 - 33 | Importance of drawing Distance time Graph. | - | 1 | | Drawing distance time Graph. |
| | IV | Ch-13: Motion and Time. Foundation- Excercise MCQ'S discussion and problem solving.: Pg: 40 - 49 | Understand how to attend case study base questions. | -/1 | - | | |
| Chemistry | I | Ch. 6 Physical and chemical changes Foundation: Reversible and irreversible physical changes | Ubderstanding the importance of physical and chemical changes | - | - | - | Acrtivity 6.1in T/B to understand about physical change |
| | II | Ch. 6 Physical and chemical changes Physical properties Foundation: Characteristics of physical changes | Children will get better uderstanding about physical change | | | Acrtivity to check physical change: Inflate and deflate balloon | |

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| Chemistry | III | Ch. 6 Physical and chemical changes Foundation: To observe the change in physical state of water | Understand about freezing, melting, boiling and condensation | - | - | Activity to observe the change in physical state of water | |
| | IV | Ch. 6 Physical and chemical changes Foundation: Dissolution of sugar in water | Understand about dissolution of sugar in water is a physical change and reversible change | | 1 | | Activity to show the dissolution of sugar in water |
| Biology | I | Ch: 2- Nutrition in Animals. Foundation- Nutrition in amoeba, Human digestive system: Mouth, Buccal cavity, teeth and tongue. Pg: 30-37. | Understanding the digestion in amoeba and learning the digestion in humans | 1/- | 1 | Observing the model of buccal cavity and discussing about that. | - |
| | II | Ch: 2- Nutrition in Animals. Foundation- Human digestive system: Oesophagus, stomach, liver, gall bladder and pancreas. Pg: 38-39. | Exploring the process of intaking food through different organs in our body | -/1 | 1 | - | - |
| | III | Ch: 2- Nutrition in Animals. Foundation- Human digestive system: Large intestine, digestion in ruminants, diarrhoea and ORT. Pg: 40-42. | Understanding the digestion in Ruminants | 1/- | 1 | - | Observing the working model of human digestive system in class |
| | IV | Ch: 6 Respiration in organisms. Introduction - Breathing, respiratory system. | children would have explored the working of breathe in our body | -/1 | 1 | Tabulating the changes in breathing rate under different conditions. | - |

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| Social Science | I | Civics-3.How the state government works | *Who is an MLA? *Opposition party * Ruling Party * Working of the government | -/1 | 1 | - | Make a complete report on Tamilnadu state Legislative Assembly Election 2021 |
| | II | His-3.Delhi :12th to 15th Century | *Delhi Sultans * Khaljis and Tughluqs * Invasion of foreign empires * Sultanate in 15th and 16th centuries | - | - | - | - |
| | III | His-3 Delhi :12th to 15th Century | *Invasions of Mongal in India * Alauddin Khalji and Muhammad Tughluq | -/1 | 1 | Activity: Field trip to Vellore fort.Make a detailed report on the field trip. | |
| | IV | Geo-3.Our Changing Earth | *Endogenic and Exogenic forces * Earthquake -Tsunami * Major Landforms * Work of river,sea waves,ice and wind | -/1 | 1 | - | Activity: Prepare a speech on the topic,"Recent Volcanic Eruption or Earthquake occured in the world". |