



TAOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: ENGLISH

CLASS: VII

| Sr. No. | Month | No. of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities/projects |
|---------|-------|---------------------|--|--|---|
| 1. | April | 24 | <p>Prose 1.Three Questions 2.A Gift of Chappals</p> <p>Poem The Squirrel</p> <p>Grammar Nouns Sentences</p> <p>Writing skill Letter writing (informal)</p> | <ol style="list-style-type: none"> The story explores the theme of wisdom, acceptance, kindness and forgiveness. It also focuses on value of time. The chapter is about the mischievous and simplicity of children’s behaviour. Introduction of the poet, the theme of the poem i.e. the description of the squirrel as observed by the poet and rhyme scheme of the poem. They will understand different types of nouns. They will be able to explain what nouns are and identify their different types. Introduction of the types of sentences. Their uses and formations. Introduction of the type of letters, their objectives, and formats. It will improve their communication skills. | <ol style="list-style-type: none"> Speaking task based on the chapter. They will write about an incident when they helped someone and how they felt after that. Compose a story on squirrel and present it along with colourful pictures of the squirrel. Noun Hunt games Preparing a chart of Pronouns with examples. They will write letters on the topics discussed in classrooms. |
| 1. | May | 04 | <p>S.R 1.The Tiny Teacher</p> | <ol style="list-style-type: none"> Reading and learning about different kinds of ants and their role. The lesson teaches about unity in diversity. | <ol style="list-style-type: none"> Prepare PPT with the pictures of different ants and their role in colony. |

| | | | | | |
|----|--------|----|---|--|--|
| 3 | June | 23 | <p>Prose Ch: 3.Gopal and the Hilsa Fish S.R Ch: 2.Bringing up Kari</p> <p>Poem The Rebel</p> <p>Grammar Pronouns Determiners</p> <p>Writing: Letter writing formal</p> | <ol style="list-style-type: none"> 1. A comic story to be understood through pictures with stripes of text for support. 2. The story revolves round a five month old baby elephant and a nine year old boy and how they developed a strong bond. 3. Introduction to the Poem and the poet and literary devices used. 4. They will understand, define and identify pronouns. 5. Understanding the correct usage of different determiners. 6. Understanding the elements and structure of formal letter. | <ol style="list-style-type: none"> 1. Students will be given slips of crazy situations. They will create a comic strip at home based on the situation. 2. Collect 10 pictures of elephants doing different activities. 3. Group Discussion on 'Should there be rebels in society or not? Why?' 4. Making chart of pronouns with examples. 5. Sorting of determiners on the basis of their category. 6. Refer to the library or to the internet to read the letters of famous personalities. |
| 4. | July | 26 | <p>Prose Ch-4. The Ashes that Made Trees Bloom</p> <p>S.R Ch: 3 Golu Grows a Nose</p> <p>Poem Chivvy The shed</p> <p>Grammar Adjectives and Degrees of Comparison Tenses (Simple and Continuous)</p> <p>Writing : Notice Writing</p> | <ol style="list-style-type: none"> 1. Introduction of the author and his work. Understanding the values of honesty, compassion, diligence, etc. with a hint of magical realism. 2. Understanding the gist of the chapter. A story that tells us that curiosity, although useful can lead us to disastrous consequences. 3. Introduction of the theme of the poem. The poem deals with the feelings of the a kid who feels irritated by the elders. 4. Understanding of 'What a shed is? Why it is used?' and relating it with the theme of the poem. 5. Adjective as a part of speech. Types of adjectives and their use in formation of degrees. 6. Exercises related to the various forms of Verbs and its variations as per the change in the tenses. Construction of sentences and transformation as per tenses. 7. Explanation of the format of Notice writing | <ol style="list-style-type: none"> 1. Conducting the activity given in the textbook under 'Working with language'.(Activity based chapter) 2. Agree or disagree. Students will present their views on "Life of animals is better in the zoos than in the jungles." 3. They will write about Do's and Don'ts as instructed by their parents. 4. Make/download/collect a colourful sketch of a building/ monument/ institution etc. and describe it in ten words. 5. Circling the adjectives in a paragraph/story given. Preparing a table of Degrees of Comparison. 6. Prepare a table of tenses with Syntax of sentences. 7. Write notices on different topics. Conduct of Subject Enrichment Activity |
| 8. | August | 22 | <p>Prose (Honeycomb) 5. Quality Poem</p> | <ol style="list-style-type: none"> 1. Explanation of the prose in relevance to the story. Understanding the value of dedication and the passion towards work. | <ol style="list-style-type: none"> 1. Evaluate their pronunciations through various kinds of activities 2. Discuss the topic 'Trees are our best |

| | | | | | |
|----|------|----|---|---|---|
| | | | <p>Trees S.R(An Alien Hand) Ch:4 Chandni Grammar</p> <p>Active and Passive Voice (Simple Tenses and Continuous Tenses)</p> <p>Writing Biographical Sketches</p> | <ol style="list-style-type: none"> 2. Introduction of the poet, his work. Discussion of the theme of the poem 3. Reading and Understanding the story that depicts the longing for freedom. 4. Explanation of Active and Passive Voice and rules for the transformation of active to passive. 5. Developing biographical sketches using the hints given. | <p>friends.'</p> <ol style="list-style-type: none"> 3. They will be told to write a better end of the story. 4. Preparing Table of rules related to Active-Passive Voice. 5. Collecting information and write biographical sketches of famous personalities. |
| 6. | Sept | 23 | <p>Prose Ch-6. Expert Detectives</p> <p>Poem Mystery of the Talking Fan Garden Snake</p> <p>Revision for Term I Exam</p> | <ol style="list-style-type: none"> 1. Introduction of the author, his literary work, genre, content characters, main protagonist, theme and plot. 2. Introduction of the poet, his work and theme of the poem. Understanding the Figures of speech. <p>Revising all the chapters and grammar topics.</p> | <ol style="list-style-type: none"> 1. Play detectives with each other. They will find a person in their class to speak to. 2. Create a dialogue between the fan and the mechanic. <p>Revision worksheet</p> |
| 7. | Oct | 21 | <p>Prose Ch: 7The Invention of Vita-Wonk</p> <p>Poem Dad and the Cat and the Tree</p> <p>S.R Ch: 5 The Bear Story</p> <p>Grammar 1.Conjunctions</p> <p>Writing Story - Writing</p> | <ol style="list-style-type: none"> 1. Introduction about the author and his literary work and understanding the terminology of science and develop their thinking skills. 2. Introduction of the poet, his work and theme of the poem. 3. Introduction of the theme of the chapter. They will know about the possibilities between human beings and wild animals. 4. Explanation of Conjunctions and its kinds: Coordinating, Correlative and Subordinating conjunctions. 5. Introduction of the elements of the story. They will learn to develop the stories based on their own ideas. | <ol style="list-style-type: none"> 1. They will find out something interesting about age, or growing old, and write a paragraph about it. Ex; 'Life expectancy' of various living things. 2. They will write about poet's (Kit Wright) biography. 3. Discussion on the following topic; 'The Unusual pets that are kept by people.' 4. Link up games (conjunctions) 5. Story telling activity |

| | | | | | |
|-----|-----------|----------|---|--|---|
| 8. | Nov | 17 | <p>S.R Ch:6 A Tiger in the House</p> <p>Grammar 1.Prepositions 2.Non-Finite Verbs</p> <p>Writing: Comprehension</p> | <ol style="list-style-type: none"> 1. Understanding the gist of the chapters and learn to sympathize with the animals. 2. Explanation of Prepositions and their usage. 3. Explanation of Non-Finite Verbs and its forms. 4. Reading and understanding of passages and finding out the answers. | <ol style="list-style-type: none"> 1. They will write about SPCA (Society for Prevention of Cruelty to animals). 2. Distinguishing prepositions on the basis of time, place and direction. 3. Write the difference between Finite And Non-Finite verbs with examples. 4. Reading comprehension |
| 9. | Dec | 24 | <p>S.R Ch: 7 An Alien Hand</p> <p>Poem Garden Snake</p> <p>Grammar 1.Reported Speech 2. Modals</p> <p>Writing Diary Entry</p> | <ol style="list-style-type: none"> 1. Introduction of the author, his literary work, genre, characters, main protagonist and theme. Understanding the humour present in the story. 2. Introduction of the poet, his literary work and the theme of the poem. 3. Explanation of direct and indirect speech and its rules. Transformation of Direct into Indirect speech will be explained. Construction of sentences and transformation of sentences. 4. Understanding and exploring the functions of modal verbs. 5. Understanding the format of Diary Entry. | <ol style="list-style-type: none"> 1. They will prepare a project on 'Viking Mission to Mars'. They will collect photos and information and make collage. 2. To collect the information about snake. 3. Make tables on rules of transformation of direct into indirect speech. 4. Pointing out mistakes / Asking for directions 5. They will be told to keep diary and write their daily routines. <p>Listening Task will be conducted</p> |
| 10. | Jan | 19 | <p>Prose Ch:8 A Homage to Our Indian Soldiers Part I Part II</p> <p>Poem: Meadow Surprises</p> <p>Writing Essay - Writing</p> | <ol style="list-style-type: none"> 1. A Non- Fiction based on the sacrifices of soldiers who risk their lives to protect us and our country. 2. Introduction of the theme of the poem i.e 'Nature' and its rhyme scheme. 3. Explanation of the format and essentials of writing essays. | <ol style="list-style-type: none"> 1. They will prepare a PPT about the National War Memorial. 2. Find the pictures of the kinds of birds, insects and scenes mentioned in the poem. 3. Writing of essays on different topics. |
| 11. | Feb & Mar | 22 09 | <p>Revision</p> | <ol style="list-style-type: none"> 1. Revision of all the chapters and grammar topics. | <ol style="list-style-type: none"> 1. Solving the exercises in Revision Worksheet. |

Name of the Teachers: Ms. Sapana Sharma, Ms. Manisha Nagar



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: HINDI

Class: VII

| Sr. No | Month | No. of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities |
|--------|-------|---------------------|--|---|---|
| 1 | April | 24 | सेतु ब्रिज कोर्स : पठन कार्य एवं श्रुत लेखन वसंत - पाठ-१ हम पंक्षी उन्मुक्त गगन के (काव्य) महाभारत - 'देवव्रत' से 'कुंती' तक। व्याकरण - संज्ञा लेखन - चित्र वर्णन | पूर्व कक्षा के आधार पर छात्रों से शुद्ध उच्चारण के साथ पठन कार्य करवाना एवं लेखन क्षमता की जाँच करना। पठन और लेखन संबंधित कौशल को आत्मसात करवाना। पिंजरे में बंद पक्षियों की स्वतंत्रता की अभिलाषा का वर्णन करना। महाभारत के पात्रों तथा कथाओं से अवगत कराना। संज्ञा की परिभाषा एवं उसके भेदों को उदाहरण सहित समझाकर लिखवाना। चित्र से संबंधित अपने मौलिक विचारों को लिखकर प्रकट करवाना। | मूल्यांकन कार्य द्वारा पठन व लेखन अभ्यास कार्य करवाना। अशुद्धियों का संशोधन तथा मात्राओं की विशेष जानकारी देना। पशु-पक्षियों को पालना उचित है या अनुचित ? छात्रों के विचार लिखकर प्रस्तुत करवाना। रिक्त स्थानों की पूर्ति करवाना। वाक्यों में से संज्ञा के भेदों को पहचानकर उनके नाम लिखने को देना। चित्र देखकर भाषा की लिखित अभिव्यक्ति करवाना। |
| 2 | May | 04 | पाठ - २ हिमालय की बेटियाँ (निबंध) लेखन - अपठित गद्यांश | हिमालय, नदी तथा समुद्र के उद्गम का इतिहास बताते हुए प्रकृति तथा नारी की तुलनात्मक विवेचना करना। पठन तथा लेखन कौशलता का विकास कराना। | नदियों और हिमालय के शिखर को मानचित्र पर निर्देशित करवाना। अपठित गद्यांश आधारित प्रश्नोत्तरों का लेखन कार्य करवाना। |
| 3 | June | 23 | पाठ- ३- कठपुतली (कविता) पाठ- ४- मिठाईवाला (कहानी) महाभारत - 'भीम' से लेकर 'पांडवों की रक्षा' तक। व्याकरण - उपसर्ग, प्रत्यय। लेखन - अनुच्छेद लेखन | पराधीन कठपुतलियों के मनोभावों का वर्णन करना। मनुष्य की संवेदनशीलता एवं बच्चों के प्रति आकर्षण के प्रेमभाव को प्रकट करना। महाभारत की घटनाओं तथा प्रसंगों से अवगत कराना। उपसर्ग तथा प्रत्यय की परिभाषा समझाकर उसके भेदों को उदाहरण सहित लिखवाना। अनुच्छेद लेखन के द्वारा भाषा कौशलता का विकास करना तथा रचनात्मक लेखन का अभ्यास करवाना। | 'कठपुतली' कविता का सस्वर गायन करवाना एवं कपड़े की कठपुतली बनवाना। कहानी में से उपसर्ग-प्रत्यय वाले शब्द खोजकर तालिका निर्माण बनवाना। अति लघुत्तरीय प्रश्नोत्तर करवाना। शब्दों में से मूल शब्द, उपसर्ग एवं प्रत्ययों को अलग करवाना तथा शब्द निर्माण करवाना। विषय से संबंधित अनुच्छेद लेखन कार्य करवाना। |

| | | | | | |
|---|-----------|----|--|--|---|
| 4 | July | 26 | पाठ- ५- पापा खो गए (नाटक) पाठ- ६- शाम एक किसान (कविता) महाभारत - 'द्वीपदी स्वयंवर' से लेकर 'शकुनि प्रवेश' व्याकरण - क्रिया लेखन - विज्ञापन लेखन | पाठ में बच्चे उठाने वाले निर्दयी व्यक्ति की कहानी से अवगत कराना। जाड़े की शाम के दृश्य का चित्रण किसान के रूप में बताकर प्रकृति का मानवीयकरण की जानकारी देना। महाभारत के पात्रों तथा कथाओं से अवगत करना। क्रिया की परिभाषा एवं उसके भेदों को समझाना। विज्ञापन लेखन के नियम एवं विशेषताओं की जानकारी देना। | छात्रों द्वारा लघु नाटक का अभिनय करवाना। 'प्रातः काल का भ्रमण' विषय पर अनुच्छेद लेखन करवाना। छात्रों द्वारा बहु विकल्पीय प्रश्नों का निर्माण करवाना। वाक्यों में से क्रिया शब्दों को चुनकर रेखांकित करवाना। विविध उत्पादों का आकर्षण विज्ञापन निर्माण विषय से करवाना। |
| 5 | August | 22 | पाठ- ७- अपूर्व अनुभव (संस्मरण) महाभारत - 'चौसर का खेल' से लेकर 'द्वेष करनेवाले का जी नहीं भरता।' व्याकरण- पर्यायवाची शब्द लेखन - अनौपचारिक पत्र | मजबूत इरादे एवं कठोर परिश्रम के द्वारा चुनौतियों को स्वीकार करने की शिक्षा। महाभारत के प्रसंगों तथा घटनाओं से अवगत करना। पर्यायवाची शब्दों को प्रयोग में लाना सीखाना। अनौपचारिक पत्र का प्रारूप समझाकर विषय से संबंधित पत्र लिखवाना। | अपने जीवन के रोमांचित घटनाओं की चर्चा करना। अति लघुत्तरीय प्रश्न लिखवाना। (पठन कौशल परीक्षण एवं मूल्यांकन) पर्यायवाची शब्दों के द्वारा वाक्यों में रिक्त स्थानों की पूर्ति लिखने को देना। अनौपचारिक पत्र लेखन के द्वारा रचनात्मक लेखन का विकास करवाना। |
| 6 | September | 23 | पाठ-८- रहीम के दोहे(कविता) पाठ-९- एक तिनका (काव्य) पुनरावर्तन | कवि परिचय। दोहों के द्वारा जीवन के नैतिक मूल्यों को समझाना। पाठ के आधार पर अहंकार से दूर रहने की भावना का विकास। अभ्यास पुस्तिका द्वारा अभ्यास करवाना। | काव्य का लय सुर के साथ पठन करवाना एवं रहीम के दोहे संग्रह करवाना। अति लघुत्तरीय प्रश्न लिखवाना। संबंधित अभ्यास पुस्तिका देकर अभ्यास कराना। |
| 7 | October | 21 | पाठ- १०- खानपान की बदलती तसवीर (निबंध) पाठ- ११- नीलकंठ (संस्मरण) महाभारत - 'विराट का भ्रम' से लेकर 'भीष्म शर-शय्या।' व्याकरण- विशेषण लेखन - सूचना लेखन | खान-पान की मिश्रित संस्कृति एवं बदलाव की जानकारी से अवगत कराना। लेखिका का पशु-पक्षियों के प्रति लगाव तथा मानवीय संवेदना के प्रति बच्चों का रुझान पैदा करना। महाभारत के युद्ध का वर्णन करना। परिभाषा व विशेषण के भेदों को उदाहरण द्वारा स्पष्ट करना। सूचना लेखन का प्रारूप समझाकर विषय से संबंधित अभ्यास कराना। | खानपान की बदलती हुई तसवीर का आलेख चार्ट एवं वाद-विवाद प्रतियोगिता करवाना। महादेवी वर्मा के अन्य कहानियों को सुनाकर हमारे जीवन में पशु-पक्षियों का महत्व बताना। प्रश्नों के उत्तर स्वयं हल करेंगे। दिए गए वाक्यों का उचित विशेषण से मिलान करवाना एवं विशेषण के भेदों को चुनकर उनका नाम लिखिए। विभिन्न विषयों पर सूचना लेखन कार्य के द्वारा भाषा कौशलता का विकास करवाना। |

| | | | | | |
|----|----------|----|--|--|--|
| 8 | November | 17 | पाठ- १२ - भोर और बरखा (कविता) व्याकरण- अनेक शब्दों के लिए एक शब्द। पाठ- १३ - वीर कुँवर सिंह (जीवनी) | मीराबाई का परिचय देकर माँ यशोदा का सुबह के समय कृष्ण को जगाना और सावन की ऋतु का वर्णन पद के माध्यम से समझाना। शब्द प्रयोग की जानकारी देकर शब्दकोष में वृद्धि करना। दिए गए विषय पर अनुच्छेद लेखन लिखवाना। | कृष्ण को 'गिरधर' क्यों कहा जाता है? - पौराणिक कथा के आधार पर अनुच्छेद लिखकर बताइए। अनेक शब्दों का एक शब्द में संक्षिप्त करने का अभ्यास कार्य करवाना। विषय पर आधारित अनुच्छेद लेखन करवाना। |
| 9 | December | 24 | पाठ- १४ - संघर्ष के कारण मैं तुनुकमिज़ाज हो गया : धनराज (साक्षात्कार) व्याकरण- विराम-चिह्न | वयोवृद्ध वीर कुँवर सिंह के व्यक्तित्व तथा जीवनी से छात्रों को प्रेरित करना। विराम चिह्नों की जानकारी देकर उनके उचित स्थानों के प्रयोग से अवगत कराना। | भारत के वीर स्वतंत्रता सेनानियों और उनके योगदान की जानकारी एकत्र करें। वाक्यों में विराम चिह्नों का प्रयोग करना। |
| 10 | January | 19 | पाठ- १५-आश्रम का अनुमानित व्यय (लेखा-जोखा) महाभारत - 'बारहवाँ दिन' से लेकर 'श्री कृष्ण और युधिष्ठिर' तक। व्याकरण - विलोम शब्द मुहावरे | महात्मा गाँधी के साबरमती आश्रम की स्थापना की तथा उसके अनुमानित व्यय के बजट का विवरण देना। महाभारत के युद्ध की घटना से तथा श्रीकृष्ण व पाँचों यदुवंश और पांडवों के अंत की कथा से छात्रों को अवगत करना। विलोम शब्दों के द्वारा रिक्त स्थानों की पूर्ति कराना। मुहावरे का अर्थ समझाकर वाक्य प्रयोग करवाना। | बाल-आश्रम खोलने का अनुमानित बजट तैयार करवाना। छात्रों द्वारा स्वयं प्रश्नोत्तर निर्माण कार्य करना। अभ्यास कार्य द्वारा विलोम शब्दों का अभ्यास कार्य करवाना। मुहावरों द्वारा वाक्य निर्माण करना। |
| 11 | February | 22 | पुनरावर्तन | अभ्यास पुस्तिका द्वारा पुनरावर्तन | संबंधित अभ्यास पुस्तिका देकर अभ्यास कराना। |

Name of the Teacher : **Mayakumari Sharma, Soni Tiwari**



TAQOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: Mathematics

Class: VII

| Sr. No. | Month | No. of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities |
|---------|-------------|---------------------|---|---|---|
| 1 | April + May | 24+4 | Chapter-1. Integers Chapter-2. Fractions and Decimals | Integers definition, Operation of Integers, Rules for operations Properties of addition and subtraction of integers, multiplication of integers, division of integers. Equivalent fractions, multiplication and division of fraction. Decimal numbers and multiplication and division of decimal no | To make a 3x3 magic square of integers using 9 no. WORKSHEETS :- *Basic operations of Integers , Fractions and decimals (lower level learning) *Practice questions *Competency based questions (For both chapters) |
| 2 | June | 23 | Chapter-8 .Rational numbers Chapter-5 Lines and angles | Positive and negative rational no. Number line, reducing into standard form, rational no. between two rational no., operation of rational numbers Types of angles, pairs of lines, angles made by intersecting lines, transversal of parallel lines and angles made by them. | WORKSHEETS :- *Basic operations of Rational numbers , (lower level learning) *Practice questions *Competency based questions (For both chapters) To verify experimentally the angles formed by parallel lines and transversal by tracing, cut and paste method |
| 3 | July | 26 | Chapter-9 Perimeter and Area Chapter-13 Visualizing solid shapes | Area of triangle, parallelogram, circle, application of knowledge in daily life Plane figures and solid shapes, drawing of solid shapes on isometric sheet, viewing different sections of a solid. | To verify area of circle To draw a cube and cuboid on an isometric paper. WORKSHEETS :- *Basic formula sheet, direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions(For both chapters) |

| | | | | | |
|----|-----------|----|---|--|---|
| 4 | August | 22 | Chapter-4 Simple equations | Setting up of an equation, solving an equation, application of simple equations in practical situations | WORKSHEETS :- *Basic direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions |
| 5 | September | 23 | Revision | | |
| 6 | October | 21 | Chapter-10 Algebraic expressions Chapter-3 Data Handling | Forming an expression, tree diagram coefficient and factors of a term, like and unlike terms, finding value of an expression Collecting organizing data, arithmetic mean, mode, median and range of data. Double bar graph. | WORKSHEETS :- *Basic direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions Making bar graph on data collected |
| 7 | November | 17 | Chapter-6 The triangle and its properties | Median and altitude of a triangle, exterior angle property, angle sum property, Sum of length of two sides of a triangle, Pythagoras property. | WORKSHEETS :- *Basic direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions To verify angle sum property of the Triangle. To verify exterior angle property of Triangle. |
| 8 | December | 24 | Chapter-7 Comparing quantities | Percentage, ratios to percent, decimal to percentage increase or decrease as percent, profit or loss as application of percentage, simple interest. | WORKSHEETS :- *Basic formula sheet, direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions |
| 9 | January | 19 | Chapter-11 Exponents and powers Chapter-12 Symmetry | Exponents, laws of exponents, decimal number system, expressing large numbers in the standard form. Lines of symmetry for regular polygons, Rotational symmetry | WORKSHEETS :- *Basic formula sheet, direct questions (lower level learning) *Practice questions(HOTS) *Competency based questions To create symmetrical designs. |
| 10 | February | 22 | Revision | | |



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: SCIENCE

Class: VII

| Sr. No. | Month | No. of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Experiments and Activities |
|---------|-------|---------------------|--|---|--|
| 1. | April | 24 | 1. Nutrition in Plants 2. Nutrition in Animals. | <ul style="list-style-type: none"> ➤ Nutrition and Mode of Nutrition ➤ Photosynthesis: A food making process in plants. ➤ Different modes of nutrition in plants. ➤ How Nutrients are Replenished in the Soil. ➤ Different ways of taking food in animals. ➤ Digestion in humans ➤ Digestion in plant eating animals. ➤ Feeding and digestion in Amoeba | <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ Demonstration of Different leaves of some non-green plants. ❖ Demonstration of a parasitic plant: Cuscuta (Amarbel) <p>Biology Lab Activity (Biology):</p> <ul style="list-style-type: none"> ❖ A permanent slid of Amoeba <p>Class room activity:</p> <ul style="list-style-type: none"> ❖ Fungi growing on bread ▪ Practice sheet with CBQ |
| 2. | May | 04 | 2. Nutrition in Animals | <ul style="list-style-type: none"> ➤ Conclusion of chapter 2. | |
| 3. | June | 23 | 3. Heat 4. Acids, Bases and Salts | <ul style="list-style-type: none"> ➤ What is heat? ➤ Measuring temperature and Different types of thermometers. ➤ Transfer of heat (conduction, convection and radiation), ➤ Land and Sea breezes ➤ What are acids, bases and salts? ➤ What are Indicators? Natural indicators around us. ➤ What is Neutralisation? ➤ Neutralisation in everyday life. | <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ Measuring temperature using clinical thermometer <p>Physics lab:</p> <ul style="list-style-type: none"> ❖ To show that heat flows through metallic solids by conduction. <p>Chemistry Lab:</p> <ul style="list-style-type: none"> ❖ Test with different acids, bases and salts. ❖ Process of neutralization. ▪ Practice sheet with CBQ |

| | | | | | |
|----|-----------|----|--|--|--|
| 4. | July | 26 | 5. Physical and Chemical changes 6. Respiration in Organisms | <ul style="list-style-type: none"> ➤ What are physical and chemical changes? ➤ Some physical and chemical changes in everyday life. ➤ Rusting of Iron and Galvanisation. ➤ Crystallisation ➤ Why do we respire? ➤ Types of respiration (Aerobic and Anaerobic). ➤ Breathing and mechanism of breathing. ➤ Human respiratory system ➤ What do we breathe out? ➤ Breathing in different animals ➤ Do plants also respire? | <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ To demonstrate some physical change. <p>Chemistry Lab:</p> <ul style="list-style-type: none"> ❖ Rusting of iron: a chemical change <p>Activity:</p> <ul style="list-style-type: none"> ❖ Making a working model to show mechanism of breathing <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ How much you hold your breathe ❖ Measuring chest size ▪ Practice sheet with CBQ |
| 4 | August | 22 | 7. Transportation in Animals and Plants 8. Reproduction in Plants | <ul style="list-style-type: none"> ➤ Circulatory system ➤ Blood, blood vessels and components of blood. ➤ Human heart. ➤ Excretion in Animals and Excretory system in humans. ➤ Transportation of Substances in Plants and Transpiration. ➤ Reproduction and its importance. ➤ Modes of reproduction and vegetative propagation. ➤ Fruits and Seed Formation | <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ Measuring Pulse rate ❖ Measuring heartbeats ❖ Study of parts of a flower <p>Demonstration:</p> <ul style="list-style-type: none"> ❖ The model of human heart and its function. <p>Activity:</p> <ul style="list-style-type: none"> ❖ Making a working model of a stethoscope. ❖ Observing Transpiration in Plants <p>Biology Lab:</p> <ul style="list-style-type: none"> ❖ Transportation of water in Balsam ❖ Propagation of new plants in Bryophyllum ▪ Practice sheet with CBQ |
| 5 | September | 23 | | Revision for midterm exam. | |
| 6 | October | 21 | 9. Motion and Time | <ul style="list-style-type: none"> ➤ Motion (Slow and Fast) ➤ Measuring Speed ➤ Measurement of time and time period with distance-time graph | <p>Physics Lab:</p> <ul style="list-style-type: none"> ❖ To find time period of given simple pendulum |

| | | | | | |
|----|----------|----|---|--|--|
| 7 | November | 17 | 10. Electric Current and its Effects | <ul style="list-style-type: none"> ➤ Symbols of electric components, battery and its uses. ➤ Heating elements and their uses. ➤ Electric fuse, structure and function. ➤ Magnetic effect of electric current, electromagnets and uses. ➤ Electric Bell (principle, construction and working) | <p>Physics Lab:</p> <ul style="list-style-type: none"> ❖ Open and closed electric circuits ❖ Making of Electromagnet <p>Demonstration:</p> <ul style="list-style-type: none"> ❖ Different types of Fuse conductors. <ul style="list-style-type: none"> ▪ Practice sheet with CBQ |
| 8 | December | 24 | 11. Light 12. Forests: Our Life line | <ul style="list-style-type: none"> ➤ Characteristic of light, reflection of light and law of reflection. ➤ Plain and spherical mirrors and images formed by them. ➤ Spherical lenses and images formed by them. ➤ Sun light: White or Coloured? ➤ Forests and their importance ➤ Forests as a “Dynamic living entity”. ➤ What will happen if forests disappeared? | <p>Physics Lab:</p> <ul style="list-style-type: none"> ❖ Demonstration of plain and spherical mirrors and images formed by them ❖ Demonstration of spherical lenses and images formed by them <p>Class room Activity:</p> <ul style="list-style-type: none"> ❖ To observe images in stainless steel spoon <p>Visit: Visit to our school farm and study interrelationship in plants and animals.</p> <ul style="list-style-type: none"> ▪ Practice sheet with CBQ |
| 9 | January | 19 | 13. Wastewater Story | <ul style="list-style-type: none"> ➤ What is Sewage? ➤ Sources of Sewage or wastewater. ➤ Different types of Impurities present in Sewage water. ➤ Cleaning of wastewater by WWTP ➤ Better housekeeping practice and sanitation. | <p>Group Discussion:</p> <ul style="list-style-type: none"> ❖ Group discussion on sources and management of wastewater <ul style="list-style-type: none"> ▪ Practice sheet with CBQ |
| 10 | February | 22 | Revision | | |
| 11 | March | 09 | Final Exams | | |

Name of the Teacher: Mr. Sushil Vyas



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024 – 25

SUBJECT: SOCIAL SCIENCE

Class: VII

| Sr. No. | Month | Working days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities |
|---------|--------------|--------------|---|--|--|
| 1 | April May | 28 | <u>Chapter – 2.</u> King and Kingdoms. <u>Chapter – 1.</u> Environment <u>Chapter – 1.</u> On Equality | Prashastis, military skills, administration and making of different temples. Domains of Environment, Importance of Ecosystem etc. Understanding of critical role of equality in democracy and how the Constitution of India guarantees equality. | On a political map of India mark the following: ❖ Area ruled by Rashtrakutas, Palas, Cholas and Gurjara-Pratiharas. To make a diagram depicting Biotic and Abiotic components of the environment. _____ |
| 2 | June | 23 | <u>Chapter – 3</u> Delhi: 12 th to 15 th Century <u>Chapter – 2.</u> Inside Our Earth <u>Chapter – 3.</u> How the State Government Works | Rulers under the Khaljis and Tughluqs. Igneous Rocks, Sedimentary Rocks, Metamorphic Rocks, Rock Cycle Role of Governor, MLA, Council of Ministers, various political parties. | _____ -Individually students have to collect two or three samples of rocks they come across in day to day lives and give a small talk on any one of them: its origin, use, etc. -Draw the 'Rock Cycle'. -Interactive discussion on the role of an MLA and to find out the name of the MLA from your constituency. |
| 3 | July | 26 | <u>Chapter- 3</u> Our Changing Earth <u>Chapter – 4.</u> The Mughals (16 th to 17 th Century) | Endogenic Forces, Exogenic Forces, Causes of Earthquakes, Volcanoes, waterfalls, features formed by rivers. Architecture, administration and living styles of Mughal Emperor beginning from Babur to Aurangzeb. | -Each student to make diagrams of land forms formed by river, sea waves, ice and wind. -On the political map of India, each student has to locate and mark the following cities: Delhi, Agra, Fatehpur Sikri, Berar, and Ajmer. |

| | | | | | |
|----|-----------|----|---|--|--|
| 4 | August | 22 | <p><u>Chapter – 4.</u> Air</p> <p><u>Chapter – 4.</u> Growing up as Boys and Girls</p> | <p>Layers and Composition of Atmosphere, Weather, Climate, Air Pressure, Moisture.</p> <p>Influence on Indian culture and architecture, Perception of gender discrimination.</p> | <p>Each student to draw a diagram on the structure of the atmosphere and also draw a diagram on the composition of atmosphere</p> <p>_____</p> |
| 5 | September | 23 | | Revision | |
| 6 | October | 21 | <p><u>Chapter-5</u> Water.</p> <p><u>Chapter – 7</u> Tribes, Nomads and Settled Communities.</p> <p><u>Chapter – 5</u> Women Change the world</p> | <p>Tides, Waves, Tsunami, Ocean Currents, Water Cycle, Water Pollution etc.</p> <p>A discussion on tribes, nomads and itinerant groups. Case studies of state formation: Gonds and Ahoms.</p> <p>Women’s movement to challenge discrimination in more recent years.</p> | <p>On the outline map of the world mark all prominent warm and cold currents.</p> <p>On the outline map of India, colour the areas inhabited by the different tribal groups.</p> <p>Read and give review on the book ‘Sultana’s Dream’.</p> |
| 7 | November | 17 | Chapter – 9 The Making of Regional Cultures | Traditions of Rajput Heroism, story of kathak, painting, growth of regional language, pirs and temples and fish as food. | Map work- Page No. 125 |
| 8 | December | 24 | <p><u>Chapter – 6</u> Understanding Media</p> <p><u>Chapter – 10</u> Eighteenth- Century Political Formations.</p> <p><u>Chapter-7</u> Human Environment Interactions. The Tropical and the Subtropical Region.</p> | <p>Focus on the various aspects of the role of media in a democracy. Relation between media and big business houses.</p> <p>Independent and autonomous states in the subcontinent. Marathas, Rajputs, Mughals, Sikhs and Jats</p> <p>They will learn about the life of people in the different natural regions of the world.</p> | <p>Make an advertisement based on any of the product of your choice.</p> <p>Map Work</p> <p>On an outline map of India- draw the river Ganga and Brahmaputra from the source to the mouth, also show important tributaries of both the rivers.</p> |
| 9 | January | 19 | <p><u>Chapter-9</u> A Shirt in the Market.</p> <p><u>Chapter – 10</u> Life in the Desert.</p> | <p>Begins with the production of cotton and ends with the sale of the shirt.</p> <p>Understand the complex interrelationship of human and natural environment.</p> | <p>Draw the flow chart based on process from cotton production to spinning into yarn</p> <p>Case study: Life in desert regions- Sahara and Ladakh.</p> |
| 10 | February | 22 | | Revision | |
| 11 | March | 9 | | Revision | |

Name of Teacher: Apal Patel / Preeti Verma



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: ARTIFICIAL INTELLIGENCE (AI)

Class: VII

| Sr.No | Month | Working Days | No. & Name of the Chapter | Content / Sub Topics | Activities |
|-------|--------|--------------|--------------------------------------|--|--|
| 1 | April | 28 | Ch-1 Number Systems | <ul style="list-style-type: none"> ✚ Units of measurement of data ✚ Binary addition ✚ Binary multiplication ✚ Computer Arithmetic ✚ Binary Subtraction and Division | <ul style="list-style-type: none"> ➤ To know the Number System. ➤ Do the practice of number system conversion. |
| 2 | May | | Ch-2 Computer Virus | <ul style="list-style-type: none"> ✚ What do viruses do ✚ Harms caused by virus ✚ How to protect your computer from virus ✚ How virus enters your computer ✚ Types of computer viruses ✚ What does antivirus software do | <ul style="list-style-type: none"> ➤ To know the different types of viruses and how they cause harms. |
| 3 | June | 23 | Ch-3 MS Excel 2016:Advanced Features | <ul style="list-style-type: none"> ✚ Moving around a worksheet ✚ Wrap text in a cell ✚ Formula and Functions in excel ✚ Adjusting Row Height and Column Width ✚ Inserting a Table ✚ Using Min, Max and Average functions | <ul style="list-style-type: none"> ➤ To know the Formatting in Excel. ➤ Practical based on MS Excel 2016. |
| 4 | July | 26 | Ch-4 MS Excel 2016:Charts | <ul style="list-style-type: none"> ✚ Introduction to charts in Excel ✚ Switching rows and column ✚ Chart layout and style ✚ Changing the chart type | <ul style="list-style-type: none"> ➤ Practical based on MS Excel 2016. |
| | | | CH-5 Advanced HTML | <ul style="list-style-type: none"> ✚ Golden rules to remember while building an HTML page | <ul style="list-style-type: none"> ➤ Practical based on HTML. |
| 5 | August | 22 | Ch-5 Advanced HTML | <ul style="list-style-type: none"> ✚ How to format text in HTML | <ul style="list-style-type: none"> ➤ To know the Working with Flash. |
| | | | CH-6 Working with Flash | <ul style="list-style-type: none"> ✚ Symbols and Library ✚ Animation in Flash ✚ Shape Tween | |

| | | | | | |
|----|-----------|----|--|---|---|
| 6 | September | 23 | CH-6 Working with Flash | <ul style="list-style-type: none"> ✚ Creating A Symbol ✚ Onion Skin ✚ Alpha Effect | ➤ Practical based on Flash. |
| 7 | October | 21 | CH-7 Introduction to Python | <ul style="list-style-type: none"> ✚ What is Python ✚ What can Python do ✚ Modes of Python IDLE ✚ Advantages of Python ✚ Installing Python ✚ Python Variables | <ul style="list-style-type: none"> ➤ To know the different modes of python and how to work in. ➤ Practical based on Python. |
| 8 | November | 17 | CH-8 Artificial Intelligence and Robotics | <ul style="list-style-type: none"> ✚ Stages of AI, Theory of mind AI ✚ Types of AI, Different Branches of AI ✚ Robots and Robotics ✚ Ethics and prospects of AI | ➤ To know about the Artificial Intelligence and Robotics. |
| | | | CH-9 Augmented Reality | <ul style="list-style-type: none"> ✚ What is AR?, AR vs VR ✚ Examples of AR ✚ Understanding of AR ✚ Top AR use cases ✚ Future of AR technology | ➤ To know about the Augmented Reality and Future of AR technology. |
| 9 | December | 24 | CH-10 Technologies in 21 st Century | <ul style="list-style-type: none"> ✚ Payment wallets ✚ Online shopping ✚ Voice Assistants ✚ Online Maps | ➤ To know about the Technologies of 21 st Century. |
| | | | CH-11 Mobile App Development | <ul style="list-style-type: none"> ✚ Introduction to apps ✚ Working of apps ✚ Popular Mobile OS ✚ Development of simple apps | ➤ To know about the Mobile App and Their working. |
| 10 | January | 19 | CH-12 Cyber Safety | <ul style="list-style-type: none"> ✚ What is Cyber safety ✚ Cyber Bullying ✚ Spamming, Payment Fraud ✚ Email spoofing ✚ Hacking, Cyber safety ✚ Intellectual Property Fraud | ➤ To know about the Cyber Safety, Hacking and Fraud. |
| 11 | February | 22 | REVISION | | |
| 12 | March | 9 | | | |

Name of the Teacher: Ms. Keerty Chauhan



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: GUJARATI

Class: VII

| Sr. No. | Month | No. of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities |
|---------|-----------|---------------------|--|---|--|
| 1 | April | 24 | સ્વર, વ્યંજન અનેબારાખડી ૧. મજા તો માળિયામાં,કાતરિયામાં | સ્વર, વ્યંજન અનેબારાખડીની સમજ અઘરા શબ્દોની સમજ | સ્વર, વ્યંજન અનેબારાખડીનું ઉચ્ચારણ વિદ્યાર્થીઓ અઘરા શબ્દોની સમજ પ્રાપ્ત કરી અર્થ બોલે અને વાક્ય પ્રયોગ કરે. |
| 2 | May | 4 | ૧. મજા તો માળિયામાં, કાતરિયામાં | કુટુંબના સભ્યો વચ્ચેના સંબંધોની સમજ | વિદ્યાર્થીઓ કુટુંબના સભ્યો વચ્ચેનાસંબંધોવિશેસમજ કેળવે.વર્ગખંડમાં ચર્ચા કરે. |
| 3 | June | 23 | ૧. મજા તો માળિયામાં, કાતરિયામાં (કાવ્ય- હું ને ચંદુ) ૨. બે વરસાદને પાંચ પીપર | કવિતાની સમજ ઋતુઓનું જ્ઞાન | વિદ્યાર્થીઓકવિતા ગાન કરે.. બાળકો ઋતુઓવિશે સમજ પ્રાપ્ત કરે.પોતાની મનપસંદ ઋતુ વિશે બોલે. |
| 4 | July | 26 | ૨. બે વરસાદને પાંચ પીપર | વર્ષાઋતુનું મહત્વ સમાનાર્થી શબ્દો | વિદ્યાર્થીઓવર્ષાઋતુ વિશે પાંચ-છ વાક્યો બોલે. |
| 5 | August | 22 | ૨. બે વરસાદને પાંચ પીપર ૩. સવારે સળવળ | શબ્દસમૂહવિશે જ્ઞાન અઘરા શબ્દો | બાળકો શબ્દસમૂહવિશે જાણે. બાળકો જસૂસ બનવા માટેની આવડતો વિશે સમજ કેળવે અને ચર્ચા કરે. |
| 6 | September | 23 | ૩. સવારે સળવળ પુનરાવર્તન | વાક્યો બનાવવા પુનરાવર્તન કરાવવું. | બાળકો સંયુક્તક્રિયાનો ઉપયોગ કરી વાક્યો બનાવતા શીખે. |

| | | | | | |
|----|----------|----|--|--|---|
| 7 | October | 21 | ૩. સવારે સળવળ ૪. તડકો અધમણ ડાંગર ઝલમલ | સમાનાર્થી શબ્દો તડકાની સમજ | વિદ્યાર્થીઓ વર્ગખંડમાં સમાનાર્થી શબ્દોના અર્થ આપે. બાળકો તડકા વિશે ચાર-પાંચ વાક્યો બોલે. |
| 8 | November | 17 | ૪. તડકો અધમણ ડાંગર ઝલમલ | અઘરા શબ્દોની સમજ | વિદ્યાર્થીઓ અઘરા શબ્દોની સમજ પ્રાપ્ત કરી તેના અર્થ બોલે. |
| 9 | December | 24 | ૪. તડકો અધમણ ડાંગર ઝલમલ ૫. સિંહની પરોણાગત (કાવ્ય) | ક્રિયાપદ બાળકો વાર્તા દ્વારા લાલચ ન કરવી તેની સમજ કેળવે. | બાળકો ક્રિયાપદ વિશે જાણે અને ઉદાહરણો બોલે. બાળકોલાલચ ન કરવી તેવીઅન્ય વાર્તાઓ વાંચે. |
| 10 | January | 19 | ૪. તડકો અધમણ ડાંગર ઝલમલ ૫. સિંહની પરોણાગત | સમાનાર્થી શબ્દો | બાળકો સમાનાર્થી શબ્દોની સમજ પ્રાપ્ત કરી અર્થ બોલે. વિદ્યાર્થીઓકવિતા ગાન કરે.. |
| 11 | February | 22 | પુનરાવર્તન કરાવવું. | પુનરાવર્તન કરાવવું. | બાળકો કાવ્ય અને પાઠનું પુનરાવર્તન કરે. |
| 12 | March | 9 | | | |

Name of the Teacher: Ms. Dhruvi Vyas



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2024-25

SUBJECT: SANSKRIT

Class: VII

| Sr.No | Month | No.of Working Days | No. & Name of the Chapter / Lesson | Content / Sub Topics | Activities |
|-------|--------|--------------------|------------------------------------|------------------------|---|
| 1 | April | 24 | संस्कृतवर्णपरिचयः | स्वर, व्यञ्जन का परिचय | <ul style="list-style-type: none">➤ स्वर तथा व्यञ्जन का ज्ञान ।➤ छात्र संस्कृत के व्यावहारिक शब्दों का ज्ञान प्राप्त कर सकेंगे । |
| 2 | May | 04 | १. सुभाषितानि | शब्दरूपाणि | <ul style="list-style-type: none">➤ छात्र कक्षा में ऐसे दुसरे सुभाषितानि के बारे में चर्चा करें।➤ शब्दरूपाणि के बारे में चर्चा करें। |
| 3 | June | 23 | २. दुर्बुद्धिः विनश्यति | क्रियापदं | <ul style="list-style-type: none">➤ छात्र कक्षा में एसी ही दूसरी कहानी प्रस्तुत करें।➤ छात्र कक्षा में एसे ही दूसरे क्रियापदं के वाक्य बनाके चर्चा करें। |
| 4 | July | 26 | ३. स्वावलम्बनम् | संख्यावाचकशब्दाः | <ul style="list-style-type: none">➤ छात्र कक्षा में एसी ही दूसरी कहानी प्रस्तुत करें।➤ छात्र कक्षा में संख्यावाचकशब्दाः के बारे में चर्चा करें। |
| 5 | August | 22 | ४. हास्यबालकविसम्मेलनम् | अव्ययप्रयोगः | <ul style="list-style-type: none">➤ छात्र कक्षा में एसी ही दूसरी हास्य कविता प्रस्तुत करें।➤ छात्र कक्षा में एसे दुसरे अव्ययप्रयोगः शब्द के बारे में चर्चा करें। |

| | | | | | |
|----|-----------|----|-------------------------|-------------------------|--|
| 6 | September | 23 | अस्माभिः अधीतम | | |
| 7 | October | 21 | पू. पण्डितारमाबाई | शब्दरूपाणि (सर्वनामपदं) | <ul style="list-style-type: none"> ➤ छात्र कक्षा में ऐसे ही दूसरे महानव्यक्ति के कार्यों की चर्चा करे। ➤ छात्र शब्दरूपाणि का चार्ट बनाए। |
| 8 | November | 17 | ६. सदाचारः | धातुरूपाणि | <ul style="list-style-type: none"> ➤ छात्र कक्षा में सद्व्यवहार के बारे में चर्चा करे। ➤ छात्र धातुरूपाणि का चार्ट तैयार करे। |
| 9 | December | 24 | ७. सङ्कल्पः सिद्धिदायकः | धातुप्रयोगः | <ul style="list-style-type: none"> ➤ छात्र पाठ का नाट्य रूपान्तर करके कक्षा में प्रस्तुत करे। ➤ छात्र धातुप्रयोगः का चार्ट तैयार करे। |
| 10 | January | 19 | ८. त्रिवर्णः ध्वजः | धातुरूपाणि | <ul style="list-style-type: none"> ➤ छात्र भारत के तिरंगे का महत्व यह विषय पर चर्चा करे। |
| 11 | February | 22 | अस्माभिः अधीतम | | |

Name of the Teacher : Mrs. Nilam Patel