



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022 – 23

SUBJECT: ENGLISH

Class:VII

Sr.No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	23	<p><u>Bridge Course (6 Days):</u> Writing Skills: 1. Letter Writing Grammar: 1. Tenses (Simple & Continuous)</p> <hr/> <p><u>Prose</u> 1.Three Questions 2.A Gift of Chappals</p> <p><u>Poem</u> The Squirrel</p> <p><u>Grammar</u> 1. Sentences 2.Nouns 4.Pronouns</p>	<p><u>Objectives of Bridge Course :</u> Bridge Course helps the students to remember facts, figures, topics and methodologies that the students have covered the previous year. The students will recapitulate the rules and usage of Tenses, and the format of an informal letter.</p> <hr/> <p>1.Reading and understanding the summary of the story. Understanding children’s world, their spontaneity and imagination, ability to see contradictions in normal behavior and moving acts of charity. 2.Summarizing the poem, describe the squirrel, comprehensive exercises, Rhyming words and the pattern of the poem. 3. Understanding the kinds of sentences and Subject and Predicate 4. Types of Nouns: Proper, Common, Countable, Uncountable, Concrete, Abstract, Collective, Forming of Abstract Nouns.</p>	<p>-Students will write Informal Letter on given situation with the required elements of writing discussed.</p> <p>-Students will solve grammar exercises.</p> <hr/> <p>Conduct of speaking task based on the chapter.</p> <p>Drawing a squirrel or finding the picture of a squirrel and describing it variously will commit learners’ interest to the poem they are reading.</p>
2.	May	05	<p><u>S.R</u> 1.The Tiny Teacher</p>	<p>1.Reading and Understanding the summary of the story and the character.</p>	<p>Finding the truths about animals.</p>
3.	June	21	<p><u>Prose</u> 3.Gopal and the Hilsa Fish</p> <p><u>Poem</u> The Rebel The Shed</p>	<p>1. A comic story to be understood through pictures with stripes of text for support.</p> <p>2.Introduction to the Poem and the poet. 3.Learning of central Idea of the poem and the various descriptions in the poem related to shed.</p>	<p>Activity ‘Speaking and Writing’ activity given in the textbook.</p> <p>Prepare the chart of Antonyms.</p>

			<p><u>S.R</u> 2. Bringing Up Kari</p> <p><u>Grammar</u> 5. Articles and Determiners 3. Degrees of Comparison</p> <p><u>Writing:</u> 30. Poster and Slogans</p>	<p>4. Understanding of the theme of the chapter through activity.</p> <p>5. Usage of A/An and the, omission of 'The', repetition of Articles. Understanding the correct usage of determiners.</p> <p>6. Difference between adjectives and Pronouns, Degrees of Comparison.</p> <p>7. Understanding the need of Poster and Slogans</p>	<p>Activity based on reading skill.</p> <p>Table of Degrees of Comparison.</p> <p>Worksheet based on Grammar topics.</p> <p>Poster making activity.</p>
4.	July	25	<p><u>Prose</u> 4. The Ashes that Made Trees Bloom</p> <p><u>Poem</u> Chivvy</p> <p><u>S.R</u> 3. The Desert</p> <p><u>Grammar</u> 6. Verbs 7. Non-Finite Verbs 23. Comprehension</p>	<p>1. Introduction of the author and his work. Understanding the values of honesty, compassion, diligence, etc. with a hint of magical realism.</p> <p>2. Summarizing the poem and explanation of the poem and its genre.</p> <p>3. Understanding the gist of the chapter, the life on the desert, sharing the information about desert.</p> <p>4. Transitive, Intransitive and Irregular Verbs, Direct and Indirect Objects and three forms of Verbs.</p> <p>5. Explanation of Non-Finite Verbs and its forms.</p> <p>6. Passages for comprehension practice.</p>	<p>Conducting the activity given in the textbook under 'Working with language'.</p> <p>Passage comprehension from the text. Collect the pictures of desert.</p> <p>Graphic Organizer of Verbs and its types.</p> <p>Solving the Comprehensive exercises in the workbook.</p>
5.	August	18	<p><u>Prose</u> 5. Quality</p> <p><u>Poem</u> Trees</p> <p><u>S.R</u> 4. The Cop and the Anthem</p> <p><u>Grammar</u> 12.13.14. Tenses (Simple and Continuous)</p> <p>34. Synonyms and Antonyms</p> <p><u>Writing</u> 24. Notice-Writing</p>	<p>1. Explanation of the prose in relevance to the story. Understanding the value of dedication and the passion towards work.</p> <p>2. Introduction of the poet, his work. Discussion of the theme of the poem</p> <p>3. Reading and Understanding the summary of the chapter.</p> <p>4. 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.</p> <p>5. Formation of Antonyms by using Prefixes.</p> <p>6. Explanation of the format of Notice writing</p>	<p>Evaluate their pronunciations through various kinds of activities</p> <p>Discuss the topic 'Trees are our best friends.'</p> <p>Group activity to ask questions.</p> <p>Solving exercises in the workbook. Making a tabular graphic organizer of Verbs and its form.</p> <p>Writing Notice</p>
6.	Sept	25	<p><u>Prose</u> 6. Expert Detectives</p> <p><u>Poem</u> Mystery of the Talking Fan</p>	<p>1. Introduction of the author, his literary work, genre, content characters, main protagonist, theme and plot.</p> <p>2. Introduction of the poet, his work and theme of the poem. Understanding the Figures of speech.</p>	<p>Solving the exercises given in the textbook.</p> <p>Recitation of poem.</p>

			<p><u>S.R</u> 5. Golu Grows a Nose</p> <p><u>Grammar</u> 15. Active and Passive Voice (Simple Tenses and Continuous Tenses) 11. Modals</p> <p>Revision for test</p>	<p>3. Understanding the theme of the chapter and appreciate the humour present in the story.</p> <p>4. Explanation of Active and Passive Voice and rules for the transformation of active to passive.</p> <p>5. Understanding the correct use of Modals.</p> <p>6. Revising all the chapters and grammar topics.</p>	<p>Activity based on writing skill.</p> <p>Preparing Table of rules related to Active-Passive Voice.</p> <p>Solving the Comprehensive exercises in the workbook.</p> <p>Revision Worksheet will be given.</p>
7.	Oct	15	<p><u>Prose</u> 7. The Invention of Vita-Wonk</p> <p><u>Poem</u> Dad and the Cat and the Tree</p> <p><u>S.R</u> 6. I want something in a cage</p> <p><u>Grammar</u> 17. Prepositions and Their Correct Use 18. Verbs and Prepositions- Hand in Hand</p>	<p>1. Introduction about the author and his literary work and understanding the terminology of science.</p> <p>2. Introduction of the poet, his work and theme of the poem.</p> <p>3. Understanding the gist of the chapter and solving the exercises.</p> <p>4. Explanation of Prepositions and their usage.</p> <p>6. Understanding the usage of verb and prepositions hand in hand.</p>	<p>Solving the exercises given in the textbook.</p> <p>Recite a poem.</p> <p>Activity based on speaking skill.</p> <p>Solving the exercises given in the Workbook.</p>
8.	Nov	23	<p><u>Prose</u> 8. Fire: Friend and Foe</p> <p><u>Poem</u> Meadow Surprises</p> <p><u>S.R</u> 7. Chandni 8. The Bear Story</p> <p><u>Grammar</u> 19. Conjunctions 33. Understanding Words better</p> <p><u>Writing</u> Story - Writing</p>	<p>1. Understanding natural phenomenon and explaining the chapter. To provide the information about a potential hazard that can easily be prevented.</p> <p>2. Introduction of the poet, his literary work and the theme of the poem.</p> <p>3. Develop the value of freedom.</p> <p>4. Understanding the gist of the chapters and sympathize with the animals.</p> <p>5. Explanation of Conjunctions and its kinds: Coordinating and Subordinating.</p> <p>6. List of confusing words and exercises to use them correctly.</p> <p>7. Developing the stories based on their own ideas.</p>	<p>Collect the emergency contact numbers</p> <p>Collage Making activity</p> <p>Comprehensive exercises will be done.</p> <p>Solving the exercises given in the Workbook.</p> <p>Making a list of confusing words in a tabular form</p> <p>Story writing activity.</p>
9.	Dec	26	<p><u>Prose</u> 9. A Bicycle in Good Repair</p>	<p>1. Introduction of the author, his literary work, genre, characters, main protagonist and theme.</p> <p>Understanding the humour present in the story.</p>	<p>Students will share their experiences with their bicycle.</p>

			<p><u>Poem</u> Garden Snake</p> <p><u>S.R</u> 9. A Tiger in the House</p> <p><u>Grammar</u> 10. Sentences: Simple, Compound and Complex</p> <p><u>Writing</u> Diary Entry</p>	<p>2. Introduction of the poet, his literary work and the theme of the poem.</p> <p>3. Summarize the chapter and solving the comprehensive exercises.</p> <p>4. Construction of sentences and transformation of sentences.</p> <p>7. Understanding the format of Diary Entry.</p>	<p>To collect the information about snake.</p> <p>Listening Task will be conducted</p> <p>Worksheet based on Grammar topics and comprehension will be given.</p> <p>Diary Entry activity.</p>
10.	Jan	21	<p><u>Prose</u> 10. The Story of Cricket</p> <p><u>S.R</u> 10. An Alien Hand</p> <p><u>Grammar</u> 22. Idioms and Proverbs</p> <p>20. Direct and Indirect Speech (Assertive, Interrogative and Imperative)</p> <p><u>Writing</u> 29. Essay - Writing</p>	<p>1. Understanding the history of cricket and passion towards cricket. Comprehensive exercises will be done.</p> <p>2. Reading and Understanding the summary of the chapter , Solving the textual exercises based on the reading skills.</p> <p>3. Understanding and Usage of Idioms, Proverbs and their expressions.</p> <p>4. Explanation of direct and indirect speech and its rules. Transformation of Direct into Indirect speech will be explained.</p> <p>5. Explanation of the format and essentials of writing essays.</p>	<p>Preparing Collage of cricketers. To show clippings of cricket match.</p> <p>Students will collect the information about ISRO, NASA and Viking Mission to Mars.</p> <p>Making a list of Idioms and expressions with meanings and its usage.</p> <p>Solving the exercises given in the workbook.</p>
11.	Feb	22	Revision	1. Revision of all the chapters and grammar topics.	Solving the exercises through Revision Worksheet.

Name of the Teacher: Ms. Sapana Sharma

Teacher's Sign:



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

SUBJECT: HINDI

Class: VII

Sr.No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	सेतुबंध-पाठ्यक्रम वर्ण, शब्द एवं मात्राओं का पुनरावर्तन। रेफ, पदेन एवं संयुक्ताक्षर वाले शब्द। वसंत पाठ-1 हम पंछी उन्मुक्त गगन के (कविता) महाभारत- 'देवव्रत' से 'कुंती' तक। व्याकरण- संज्ञा, चित्र वर्णन संवाद लेखन।	वर्ण, शब्द एवं मात्राओं का पुनरावर्तन। रेफ, पदेन एवं संयुक्ताक्षर वाले शब्दों का शुद्ध उच्चारण एवं लेखन का अभ्यास कार्य करवाना। पक्षी द्वारा व्यक्त अभिलाषा का वर्णन। महाभारत के पात्र तथा कथाओं से अवगत कराना। संज्ञा की परिभाषा एवं भेदों की व्याख्या। चित्र वर्णन का अभ्यास। संवाद लेखन का अभ्यास।	अभ्यास-कार्य प्रपत्रिका द्वारा संबंधित विषय का मूल्यांकन। पक्षियों की स्वतंत्रता एवं परतंत्रता का मूल्यांकन। रिक्त स्थानों की पूर्ति। संज्ञा के प्रकारों को पहचानना। चित्र देखकर भाषा की अभिव्यक्ति। विभिन्न विषयों पर संवाद लेखन का कार्य करेंगे।
2	May	05	पाठ-2 दादी माँ लेखन - अपठित गद्यांश।	लेखक के बचपन का संस्मरण तथा दादी का उनके प्रति प्यार एवं विभिन्न घटनाओं का वर्णन। अपठित गद्यांश के द्वारा भाषा विकास।	मौसम की जानकारी तथा हिन्दी महीनों के नाम। अपठित गद्यांश के द्वारा प्रश्नोत्तर का अभ्यास कार्य।
3	June	21	पाठ-3 हिमालय की बेटियाँ (निबंध) पाठ-4 कठपुतली (कविता) महाभारत- 'भीम' से लेकर 'पांडवों की रक्षा' तक। व्याकरण- उपसर्ग, प्रत्यय।	हिमालय, नदी तथा समुद्र के उद्गम का इतिहास बताते हुए पाठ के आधार पर प्रकृति तथा नारी की तुलनात्मक विवेचना। पराधीन कठपुतलियों के मनोभावों का वर्णन करना। महाभारत के पात्र एवं कथाओं से अवगत कराना। उपसर्ग एवं प्रत्यय की परिभाषा तथा व्याख्या।	नदियों से होनेवाले लाभों की चर्चा करेंगे। (श्रवण कौशल परीक्षण एवं मूल्यांकन) कविता का सस्वर गायन करेंगे। अति लघुत्तरीय प्रश्नोत्तर लिखेंगे। शब्दों में से मूल- शब्द, प्रत्यय तथा उपसर्गों को अलग करेंगे। उपसर्ग तथा प्रत्ययों से शब्द बनाएँगे।
4	July	25	पाठ-5 मिठाईवाला (कहानी) पाठ-6 रक्त और हमारा शरीर महाभारत- द्रौपदी स्वयंवर से लेकर शकुनि प्रवेश तक व्याकरण- सर्वनाम, लेखन - अनुच्छेद लेखन	मनुष्य की संवेदनशीलता एवं बच्चों के प्रति आकर्षण की व्याख्या। शरीर में रक्त का महत्व इसकी कमी से होनेवाली बीमारियाँ तथा रक्तदान के बारे में विशेष जानकारी देना। महाभारत के पात्रों तथा कथाओं से अवगत कराना। सर्वनाम की परिभाषा तथा भेदों की जानकारी देना। अनुच्छेद लेखन के द्वारा भाषा कौशलता का विकास करना तथा रचनात्मक लेखन का अभ्यास करवाना।	कहानी लेखन का अभ्यास। 'संतुलित आहार तालिका' का निर्माण करवाना। छात्र स्वयं बहु विकल्पीय प्रश्नों का निर्माण करेंगे। वाक्य में से सर्वनाम शब्दों को चुनना तथा भेदों को पहचानकर लिखना। विषयों पर आधारित अनुच्छेद लेखन का कार्य करेंगे।

5	August	18	पाठ-9 चिड़िया की बच्ची (कहानी) पाठ-10 अपूर्व अनुभव (संस्मरण) व्याकरण- अव्यय अनौपचारिक पत्र लेखन।	पाठ द्वारा अनुशासन, स्वाधीनता तथा माँ के महत्व को समझाना। मजबूत इरादे एवं कठोर परिश्रम के द्वारा चुनौतियों को स्वीकार करने की शिक्षा। अव्यय की परिभाषा एवं भेदों को समझाना। अनौपचारिक पत्र का प्रारूप समझाकर विषय से संबंधित पत्र लिखवाना।	पशु-पक्षियों का अपनी माँ से विशेष प्रेम। अपने जीवन के रोमांचित घटनाओं की चर्चा करना। अव्यय का प्रयोग करके वाक्य का निर्माण करवाना। अनौपचारिक पत्र लेखन के द्वारा रचनात्मक लेखन का विकास। (पठन कौशल परीक्षण एवं मूल्यांकन)
6	September	25	महाभारत-चौसर के खेल से लेकर द्रोण करनेवाले का जी नहीं भरता। व्याकरण- विज्ञापन पुनरावर्तन कार्य।	महाभारत के पात्र एवं कथाओं से अवगत करवाना। विज्ञापन लेखन के नियम एवं विशेषताओं की जानकारी देना। अभ्यास पुस्तिका द्वारा अभ्यास करवाना।	रिक्त स्थानों की पूर्ति करेंगे। विभिन्न उत्पादों का आकर्षक विज्ञापन निर्माण करेंगे। पुनरावर्तन के दौरान हुई अशुद्धियों का संशोधन ।
7	October	15	पाठ-11 रहीम के दोहे पाठ-12 कंचा (कहानी) महाभारत- 'विराट का भ्रम' से लेकर 'भीष्म शर-शय्या' तक। व्याकरण- क्रिया मुहावरे	कवि परिचय। दोहों के द्वारा जीवन के नैतिक मूल्यों को समझाना। बच्चों में खेल द्वारा सकारात्मक सोच पैदा करना। महाभारत के पात्र एवं कथाओं से छात्रों को अवगत करवाना। क्रिया की परिभाषा एवं भेदों को समझाना। मुहावरों का अर्थ समझाकर वाक्य प्रयोग करवाना।	छात्र दोहों का कक्षा में सस्वर गायन करेंगे। कबीर के जीवन से संबंधित जानकारी सूचना पट्ट पर लगाएँगे। बाल-सुलभ जिज्ञासा एवं कल्पना की जानकारी देना। रिक्त स्थानों की पूर्ति करेंगे। वाक्यों में से क्रियाओं को चुनकर रेखांकित करेंगे। मुहावरों द्वारा रिक्त स्थानों की पूर्ति करेंगे।
8	November	23	पाठ-13 एक तिनका (पद्य) पाठ-14 खान-पान की बदलती तस्वीर। व्याकरण- विशेषण	पाठ के आधार पर अहंकार से दूर रहने की भावना का विकास। खान-पान की मिश्रित संस्कृति एवं बदलाव की जानकारी। परिभाषा एवं भेदों की जानकारी देना।	अहंकार के दुष्परिणाम की चर्चा। त्योहारों पर बनने वाले व्यंजनों का चार्ट बनाएँगे। (लेखन कौशल परीक्षण एवं मूल्यांकन) वाक्य में से विशेषण के भेदों को चुनकर लिखेंगे।
9	December	26	पाठ-15 नीलकंठ पाठ-17 वीर कुँवर सिंह व्याकरण- पर्यायवाची शब्द	लेखिका का पशु-पक्षियों के प्रति लगाव तथा मानवीय संवेदना के प्रति बच्चों का रुझान पैदा करना। वीर कुँवर सिंह के व्यक्तित्व तथा जीवनी से छात्रों को प्रेरित करना। पर्यायवाची शब्दों को लिखाकर प्रयोग में लाना सिखा।	महादेवी वर्मा की अन्य कहानियों को पढ़ेंगे और कक्षा में सुनाएँगे। स्वतंत्रता सैनानियों की जीवनी से संबंधित जानकारी एकत्र करेंगे। पर्यायवाची शब्दों के द्वारा वाक्यों में रिक्त स्थानों की पूर्ति करेंगे।
10	January	21	पाठ-18 संघर्ष के कारण मैं तुनुकमिजाज़ हो गया। (निबंध) महाभारत- बारहवाँ दिन से लेकर श्री कृष्ण और युधिष्ठिर तक। व्याकरण- विलोम शब्द	राष्ट्रीय खेलों की जानकारी देते हुए धनराज पिल्लै के जीवन और संघर्ष की प्रेरणास्पद साक्षात्कार से अवगत कराना। महाभारत के पात्रों एवं कथाओं से छात्रों को अवगत कराना। विलोम शब्दों के द्वारा रिक्त स्थानों की पूर्ति कराना।	ध्यानचंद और हांकी के खेल पर निबंध लिखेंगे। प्रश्नों का निर्माण स्वयं करेंगे तथा उत्तर लिखेंगे। 'अभ्यास-कार्य प्रपत्रिका' द्वारा विलोम शब्दों का अभ्यास करवाना।

11	February	22	पाठ-19 विप्लव गायन (पद्य) पुनरावर्तन कार्य।	छात्रों को विकास और गतिशीलता की ओर प्रेरित करना। नए सृजन की भावना को जागृत करना। अभ्यास पुस्तिका द्वारा अभ्यास करवाना।	कविता का सस्वर गायन करेंगे। पुनरावर्तन के दौरान हुई अशुद्धियों का संशोधन ।
----	----------	----	--	---	---

Name of the Teacher : Vinita pathak , Mayakumari Sharma



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

SUBJECT: Mathematics

Class: VII

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April + May	23 +5	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, addition, subtraction, multiplication and division of fraction . Decimal numbers and their comparison, multiplication and division of decimal no	To make a 3x3 magic square of integers using 9 no.
2	June	21	Chapter-9 .Rational numbers Chapter-5 Lines and angles	Positive and negative rational no. Number line, rational no. between two rational no., operation of rational numbers Types of angles, pairs of lines, transversal of parallel lines and angles made by them	To verify experimentally the angles formed by parallel lines and transversal by tracing, cut and paste method
3	July	25	Chapter-11 Perimeter and Area Chapter-15 Visualizing solid shapes	Area and perimeter of square, rectangle, 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.
4	August	18	Chapter-4 Simple equations	Setting up of an equation, solving an equation, application of simple equations in practical situations	

5	September	25	Revision	.	
6	October	15	Chapter-7 Congruence of triangles Chapter-10 Practical geometry	Congruence of lines, angles, triangles. Congruence criterions. (SSS, SAS, ASA and RHS) Construction of a line parallel to a given line, construction of triangles using SSS, SAS, ASA, RHS criterion.	To verify angle sum property and exterior angle property.
7	November	23	Chapter-12 Algebraic expressions Chapter-3 Data Handling	Forming an expression, tree diagram coefficient and factors of a term, like and unlike terms, add/sub of expressions, finding value. Collecting organizing data, arithmetic mean, mode, median and range of data. Double bar graph, chance and probability	Making bar graph on data collected
8	December	26	Chapter-6 The triangle and its properties Chapter-8 Comparing quantities	Median and altitude of a triangle, exterior angle property, angle sum property, Sum of length of two sides of a triangle, Pythagoras property. Equivalent ratios, percentage, ratios to percent, decimal to percentage increase or decrease as percent, profit or loss as application of percentage, simple interest.	
9	January	21	Chapter-13 Exponents and powers Chapter-14 Symmetry	Exponents, laws of exponents, decimal number system, expressing large numbers in the standard form. Lines of symmetry for regular polygons, Rotational symmetry	
10	February	22	Rivision		

Name of the Teacher : Usha Sharma , Alka Rustagi



TAQOAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

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	23	1. Nutrition in Plants 2. Nutrition in Animals.	What is nutrition? Different modes of nutrition in plants. Photosynthesis: A food making process in plants. Different ways of taking food in animals. Digestion in humans Digestion in plant eating animals. Feeding and digestion in Amoeba	Biology Lab: Demonstration of permanent slides of different cells. (plants and animals) Biology Lab: Slid of Amoeba Class room activity: Fungi on bread
2.	May	05	3. Fibre to Fabric	What are fibres? , Sources of fibres. Animal fibres and the process of making fabrics. Silk and the life history of silk moth.	Video presentation on the life history of silk moth.
3.	June	21	4. Heat 5. Acids, Bases and Salts	What is heat? Measuring temperature and device for it. Transfer of heat (conduction, convection and radiation), Land and Sea breezes What are acids, bases and salts? What are Indicators? What is Neutalisation? Neutrlisation in everyday life.	Class room Activity: Measuring temperature using clinical thermometer Physics lab: To show that heat flows through metallic solids by conduction. Chemistry Lab: Test with different acids, bases and salts.

4.	July	25	6. Physical and Chemical changes 7. Weather, Climate and Adaptations of Animals to Climate 8. Winds, Storms and Cyclones	What are physical and chemical changes? How do they take place Some physical and chemical changes in everyday life Difference between weather and climate Climate and adaptation in different animals How air exerts pressure. High speed winds are accompanied by reduced pressure. How air expands on heating and why there is uneven heating of land and water on the earth?	Class room Activity: To demonstrate some physical change. Chemistry Lab: Rusting of iron: a chemical change Activity: To collect some pictures of different animals, their habitats and to note about their adaptive features. Class room Activity: - High speed winds are accompanied by reduced pressure. - Group discussion on Natural calamities and their disastrous results.
4	August	18	9. Soil 10. Respiration in organisms	Soil profile, Different types of soil and their properties. (Rate of percolation, Moisture etc.) Soil and Crops Why respiration? Types of respiration, Breathing and mechanism of breathing Breathing in different animals	Texture of various soils. To study rate of percolation in the given sample of soil. Biology Lab: To observe different specimen of lower organisms
5	September	25		Revision for midterm exam.	
6	October	15	11. Transportation in Animals and Plants 12. Reproduction in Plants 13. Motion and Time	Circulatory system Blood, blood vessels and components of blood. Human heart. Excretory system in humans. Transportation in Plants What is reproduction? Modes of reproduction and vegetative propagation. Importance of reproduction Measurement of time, Motion and types of motion, Speed and measurement of speed. Distance – time graph	Demonstration: The model of human heart and its function. Classroom activity: Study of parts of a flower Physics Lab: To find time period of given simple pendulum

7	November	23	14. Electric Current and its Effects 15. Light	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) 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?	Physics Lab: Open and closed electric circuits Making of Electromagnet Physics Lab: Demonstration of plain and spherical mirrors and images formed by them Demonstration of spherical lenses and images formed by them Class room Activity: To observe images in stainless steel spoon
8	December	26	16. Water: a precious Resource 17. Forests: Our Life line	Importance of water and its availability. Forms of water and Water cycle. Groundwater as an important source causes of depletion. Water management and your role Forests and their importance Forests as a "Dynamic living entity". What will happen if forests disappeared?	Visit: Visit to our school farm and study different methods of irrigation
9	January	21	18. Wastewater Story	What is wastewater? Sources of wastewater. Cleaning of wastewater by WWTP Batter housekeeping practice and sanitation	Group Discussion: Group discussion on sources and management of wastewater
10	February	22	Revision		
11	March		Final Exams		

Name of the Teacher: Mr. Sushil Vyas



TAQWAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022 - 23

SUBJECT: SOCIAL SCIENCE

Class:VII

Sr.No.	Month	Working days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April May	<u>28</u>	<u>Chapter – 2.</u> New King and Kingdoms. <u>Chapter – 1.</u> Environment <u>Chapter – 1.</u> On Equality	Appreciation of prashastis, military skills, administration and the skills of man in the making of different temples. Domains of Environment, Importance of Ecosystem etc. With the help of various examples. Understanding of critical role of equality in democracy and how the Constitution of India guarantees equality.	On the outline map of India, mark and colour the kingdoms mentioned in the chapter. Find out about “Anganwadi”.
2	June	<u>21</u>	<u>Chapter – 3</u> The Delhi Sultans. <u>Chapter – 2.</u> Inside Our Earth <u>Chapter – 3.</u> How the State Government Works	Outline the development of political institutions and relationships amongst rulers under the Khaljis and Tughluqs. Learning more about Igneous Rocks, Sedimentary Rocks, Metamorphic Rocks, Rock Cycle Students will be able to understand the portfolios and functions of Governor, MLA, Council of Ministers, various political parties.	Draw the ‘Rock Cycle’. Make a current list of names of chief minister and council of ministers of the state of Gujarat.
3	July	<u>25</u>	<u>Chapter- 3</u> Our Changing Earth	Students will be enabled to grasp the concept: Endogenic Forces, Exogenic Forces, Causes of Earthquakes, Volcanoes, waterfalls, Meanders etc.	Draw the different features made by rivers and explain how they are formed.

			<p><u>Chapter – 4.</u> The Mughal Empire</p> <p><u>Chapter – 4.</u> Growing up as Boys and Girls</p>	<p>Architecture, administration and living styles of Mughal Emperor beginning from Babur to Aurangzeb.</p> <p>How did they influence and contribute in Indian culture and architecture, Perception of gender discrimination with the help of examples in the text book.</p>	
4	August	<u>18</u>	<p><u>Chapter – 4.</u> Air</p>	<p>Acquaintance of terms: Layers and Composition of Atmosphere, Weather, Climate, Weather Instruments, Air Pressure, Moisture.</p>	<p>Draw the pressure belts and planetary winds. Use different colours to show high pressure and low pressure belts. Label the diagram neatly.</p>
5	September	<u>25</u>		<p>Revision</p>	
6	October	<u>15</u>	<p><u>Chapter-5</u> Water.</p> <p><u>Chapter – 7</u> Tribes, Nomads and Settled Communities.</p> <p><u>Chapter – 6</u> Understanding Media</p>	<p>Understanding of concepts like Tides, Waves, Tsunami, Ocean Currents, Water Cycle, Water Pollution etc.</p> <p>A discussion on tribes, nomads and itinerant groups Changes in the caste structure. Case studies of state formation: Gonds and Ahoms.</p> <p>Focus on the various aspects of the role of media in a democracy; discussion on advertising as well as on the Right to Information Bill.</p>	<p>On the outline map of the world mark all prominent warm and cold currents. Use red colour for warm and blue for cold currents</p> <p>On the outline map of India, colour the areas inhabited by the different tribal groups you have read about in this chapter.</p> <p>Make an advertisement based on any of the product of your choice.</p>

7	November	23	<p><u>Chapter – 6</u> Natural Vegetation and Wildlife.</p> <p><u>Chapter-8</u> Devotional Path to the Devine.</p>	<p>To know about the nature of diverse flora and fauna.</p> <p>Intense devotion or love of God, the legacy of various kinds of bhakti evolved since the eighth century.</p>	<p>Make a collage based on sanctuaries and national parks.</p> <p>Map work based on major bhakti saints and the regions they belong to.</p>
8	December	26	<p><u>Chapter – 8</u> Market Around Us.</p> <p><u>Chapter-9</u> A Shirt in the Market.</p> <p><u>Chapter-7</u> Human Environment-Settlement, Transport and Communication.</p>	<p>Focus on discussing various types of markets, how people access these and to examine the workings of an actual market.</p> <p>Begins with the production of cotton and ends with the sale of the shirt.</p> <p>Types of settlements and development in the field of transport and communication.</p>	<p>Stick the pictures based on different types of markets.</p> <p>Draw the flow chart based on process from cotton production to spinning into yarn</p> <p>*List the different modes of transport used by the students of your class while coming to school. *Find out the names of some newspapers and TV news channels in English, Hindi and a regional language.</p>
9	January	21	<p><u>Chapter – 10</u> Eighteenth- Century Political Formations.</p> <p><u>Chapter – 10</u> Life in the Desert.</p>	<p>An overview of the independent and autonomous states in the subcontinent. Case studies: Marathas, Rajputs, Mughals, Sikhs.</p> <p>Understand the complex interrelationship of human and natural environment.</p>	<p>Map work.</p> <p>Case study: Life in desert regions- Sahara and Ladakh.</p>
10	February	22		Revision	
11	March			Revision	

Name of Teacher: Apal Patel

Preeti Verma



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

SUBJECT: GUJARATI

Class:VII

Sr.No	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	બારાખડી ૧.ચબૂતરો(ચિત્રપાઠ)	બારાખડીની સમજ ચિત્રવર્ણન ઉચ્ચારણ વિષયક સજ્જતા : 'સ' અને 'શ'	બારાખડીનું ઉચ્ચારણ વિદ્યાર્થીઓ ચબૂતરાનું ચિત્રવર્ણન કરે.
2	May	5	૨.પર્વત તારા(કાવ્ય)	સમાનાર્થી શબ્દો	વિદ્યાર્થીઓ કુદરતના અંશો વિશે જાણે. વિદ્યાર્થીઓ સમાનાર્થી શબ્દોની સમજ પ્રાપ્ત કરે.
3	June	21	૨.પર્વત તારા(કાવ્ય) ૩. મહેનતનો રોટલો (પાઠ)	વિરોધી શબ્દો રૂઢિપ્રયોગ વિરામચિહ્નો	વિદ્યાર્થીઓ વિરુદ્ધાર્થી શબ્દોની સમજ પ્રાપ્ત કરે. બાળકો મહેનતનું મહત્વ સમજે.
4	July	25	૩. મહેનતનો રોટલો (પાઠ) ૪.સુંદર સુંદર(કાવ્ય)	વિરામચિહ્નો સમાનાર્થી શબ્દો	વિદ્યાર્થીઓ વિરામચિહ્નો વિશે જાણે. કાવ્ય ગાન કરવું.
5	August	18	૮. ચરણોમાં (કાવ્ય)	સંજ્ઞા	વિદ્યાર્થીઓ કાવ્ય ગાન કરે.

6	September	25	કદર (પાઠ) પુનરાવર્તન	શબ્દસમૂહ પુનરાવર્તન કરાવવું.	બાળકો અન્ય લોકકથા મેળવીને વાંચે. બાળકો લોકકથા વિશે સમજ પ્રાપ્ત કરે.
7	October	15	૧૦. ભૂલની સજા (પાઠ)	સમાનાર્થી શબ્દો વિરુદ્ધાર્થી શબ્દો	વિદ્યાર્થીઓ વર્ગખંડમાં આ પાઠનું નાટ્ય રૂપાંતર કરે.
8	November	23	૧૦. ભૂલની સજા (પાઠ) ૧૧. હિંડોળો (કાવ્ય)	સર્વનામ શબ્દસમૂહ	બાળકો સર્વનામની સમજ પ્રાપ્ત કરે. બાળકો શ્રીકૃષ્ણનાં નામોની યાદી બનાવી રજૂ કરે.
9	December	26	૧૧. હિંડોળો (કાવ્ય) ૧૩. ભારતરત્ન : ડૉ. આંબેડકર (પાઠ)	વચન સમાનાર્થી શબ્દો	બાળકો એકવચન અને બહુવચન વિશે જાણે. બાળકો ડૉ. આંબેડકરના જીવનપ્રસંગો મેળવીચર્યા કરે.
10	January	21	૧૩. ભારતરત્ન : ડૉ. આંબેડકર (પાઠ)	સાચી જોડણી અનુલેખન	સાચી જોડણીવાળા શબ્દોની સમજ પ્રાપ્ત કરે.
11	February	22	જાતિ (લિંગ) પુનરાવર્તન કરાવવું.	જાતિની સમજ પુનરાવર્તન કરાવવું.	બાળકો જાતિ વિશે જ્ઞાન પ્રાપ્ત કરે.
12	March	11			

Name of the Teacher: Ms.Dhruti Vyas



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

SUBJECT: SANSKRIT

Class: VII

Sr.No	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	संस्कृत वर्ण परिचयः	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	05	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	21	२. दुर्बुद्धिः विनश्यति	क्रियापदं	<ul style="list-style-type: none">➤ छात्र कक्षा में ऐसी ही दूसरी कहानी प्रस्तुत करें।➤ छात्र कक्षा में ऐसे ही दूसरे क्रियापदं के वाक्य बनाके चर्चा करें।
4	July	25	३. स्वावलम्बनम्	संख्यावाचकशब्दाः	<ul style="list-style-type: none">➤ छात्र कक्षा में ऐसी ही दूसरी कहानी प्रस्तुत करें।➤ छात्र कक्षा में संख्यावाचकशब्दाः के बारे में चर्चा करें।

5	August	18	४. हास्यबालकविसम्मेलनम	अव्ययप्रयोगः	<ul style="list-style-type: none"> ➤ छात्र कक्षा में ऐसी ही दूसरी हास्यकविता प्रस्तुत करे। ➤ छात्र कक्षा में ऐसे दूसरे अव्ययप्रयोगः शब्द के बारे में चर्चा करे।
6	September	25	अस्माभिः अधीतम		
7	October	15	पू. पण्डितारमाबाई	शब्दरूपाणि(सर्वनामपदं)	<ul style="list-style-type: none"> ➤ छात्र कक्षा में ऐसे ही दूसरे महान व्यक्ति के कार्यो की चर्चा करे। ➤ छात्र शब्दरूपाणि का चार्ट बनाए।
8	November	23	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	26	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	21	८. त्रिवर्णः ध्वजः	धातुरूपाणि	<ul style="list-style-type: none"> ➤ छात्र भारत के तिरंगे का महत्व विषय पर चर्चा करे।
11	February	22	अस्माभिः अधीतम		

Name of the Teacher : Mrs. Nilam Patel



TAPOVAN INTERNATIONAL SCHOOL
YEARLY SYLLABUS 2022-23

SUBJECT: COMPUTER

Class: VII

Sr.No	Month	Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	23	Number system	<ul style="list-style-type: none">• Decimal number system• Binary number system• Octal number system• Hexadecimal number system• Computer arithmetic	To know features of computer, its generations and idea of binary, decimal, octal, hexadecimal number system.
2	May	5			
3	June	21	Using excel as a database	<ul style="list-style-type: none">• Using a form to enter data• Adding, searching & deleting a record in a form• Sorting, filtering & data validation• Adding subtotal in database• Analyzing data with pivot table	To prepare database using class data, create a table and apply different function.
4	July	25	Advanced features of excel	<ul style="list-style-type: none">• Components of a chart• Commonly used chart types• Creating a chart• Chart element• Formatting chart• Grouping worksheet• Consolidating data	Make a worksheet using class data. To create different type of charts using class data.
5	August	18	Cyber tools	<ul style="list-style-type: none">• Cloud computing• Google drive and One drive• Google maps	To know about cloud computing, google drive, one drive, google map.

6	September	25	Log on to animate CC	<ul style="list-style-type: none"> • What is animate? • The workspace • Document properties • Drawing an object • Grouping, gradient, graphics, tweening • Creating simple text shape tween • Applying Filters to text 	To create flash files with animations.
7	October	15	Working with Layers	<ul style="list-style-type: none"> • Selecting a layer • Renaming and Adding a layer • Changing the order of layers • Lock, hide and show a layer • Animation with multiple layers • Onion skinning • Rotation with masking effect 	To create flash files with animations.
8	November	23	More on Python	<ul style="list-style-type: none"> • Types of operators in python • Operator precedence • Algorithm and Flowchart • Types of control structure • Conditional statement 	To know about python programs
9	December	26	Introduction to HTML 5	<ul style="list-style-type: none"> • Introduction • Html document, structure • Tags, element, attributes • Heading, paragraph, line break element • CSS & methods of applying CSS • Background properties 	To create basic HTML programs. To create web pages using HTML tag.
10	January	21	More on CSS3	<ul style="list-style-type: none"> • In line style • Text properties and Font properties • Margin properties • Border properties 	To create different types of style sheets
11	February	22		Revision for Final Exam	

Name of the Teacher: Ms.Divya Patel