

SUBJECT: English

TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019-20

Class: IX

Sr. No	Month	No.of Working	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
		Days			
1.	April	23	Beehive Textbook :Prose 1: The Fun They HadProse 2: The Sound of MusicPoetry 1: The Road Not TakenPoetry 2: WindMoments Supplementary Reader :1. The Lost ChildGrammar :AdverbsAdjectiveWriting:Letter Writing (Formal and Informal)	 Introduction of the author, his literary works, genre, content characters, main protagonist, theme, plot, sub plot, discussion and explanation of textual as well as value based questions. Introduction of the poets, their work, theme of the poems and appreciation of poetic writing skills. Understanding the correct use of forms of Adverbs and formation of Adverbs from Adjectives. Recapitulating usage of Adjectives. Learning how to write letter- Format of Formal as well as Informal letter. (See Beehive Text Pg. 12) Unit 1 : Solving various exercises for Reading Comprehension, Writing, Speaking and Listening Skills. 	Solving exercises from the textbooks. Write summary of poems. Students will refer to related themes in other stories by different authors given in the Suggested Readings in Supplementary Reader. Letter writing activity.
2.	June	22	Words and Expressions Workbook :Beehive Textbook :Prose 3: The Little GirlProse 4: A Truly Beautiful Mind\$\Phi_oetry_3: Rain on the RoofMoments Supplementary Reader :2. The Adventures of Toto3. Iswaran the StorytellerGrammar :TensesWriting: Report writing (for newspaper, school magazine)Words and Expressions Workbook :	 Introduction of the author, genre, characters, explanation of textual as well as value based questions. Introduction of the poet, and poem theme. Describing the context, the poetic device and the language used by the poet. Value the poem in its totality. Understanding the correct use of forms of verbs. Learning of Report Writing format and necessary requisites. Unit 2 : Solving various exercises for Reading Comprehension, Writing, Speaking and Listening Skills. 	Organizing the thoughts in a coherent manner in various writing skills. Poem recitation. Students will have intensive reading of Supplementary Reader and write the story review. Students will prepare the chart of Tenses. Students will collect the newspaper reports and read in the class room.

3.	July	25	Beehive Textbook :	1. Introduction about the author, his work, genre, plot,	Conduct multiple exercises from
	-		Prose 5: The Snake and the Mirror	sub- plot, characters, explanation of lines.	text.
			Poetry 4: The Lake Isle of Innisfree		
			5	2. Describe the character traits of the important	Write character sketch.
			Moments Supplementary Reader :	characters from the story.	
			4. In the Kingdom of Fools	3. Learning the correct use and formation of Active and	Solving of exercises for
				Passive voice of verbs.	grammatical topics and related
			Grammar :	4. Understanding the structure of passive construction in	literature.
			Active and Passive Voice	sentence, rules and examples. (See Text Pg.No.77)	
				5. Using story writing tips of plotting, sub-plotting, with	Conduct of Listening Task for
			Writing: Story Writing	Conerence, conesive, narrative and interactive modes.	Term I Activity.
				Unit 3. Solving various exercises for Reading	
	<u> </u>		Words and Expressions Workbook :	Comprehension, whiting, Speaking and Listening Skills.	
4.	Aug	16	Beenive lextbook :	1. Introduction about the poet, his literary creations, title	Students will collect information
				and the theme of the poem. Explaining the essential	adout Dr. A.P.J. Addul Kalam
			Yoeky 5: A Legend of the Northland	etructure balled lyrice. Phymos and Figure of apoach)	Positation of the noom
			Grammar :	2 Learning the correct use of Prepositions	
			Preposition	<i>Linit 4</i> · Solving various exercises for Reading	Students will solve exercises in
			Words and Expressions Workback	Comprehension Writing and Speaking Skills	Words and Expressions Workbook
5	Sont	22	Beebive Textbook :	1 Introduction of the theme of the peem Understanding	Students will sing patriotic songs
5.	Sept	~~~~	\mathcal{P} + 6: No Mon are Eeroign	the life of soldiers	and express their feelings of
			Joerry O. NO MEIT are I Oreight	2 Introduction about the author, his literary work and	patriotism
			Momente Supplementary Peeder -	explain the gist of the chapters.	
			5 The Hanny Prince	3. Introduction of Diary Entry. Learning of its need and	Passage comprehension in
			6 Weathering the Storm in Ersama	format.	Workbook.
				5. Revision of all the chapters and grammar topics	Conduct of multiple exercises from
			Writing:		toyt
			Diary Entry	Unit 5 · Solving various exercises for Reading	
			Words and Expressions Workbook :	Comprehension and Writing Skills.	Solve Revision sheet based on
					Grammar and Reading
			Revision for Mid-Term Exam		Comprehension.
6.	Oct	18	Beehive Textbook :	1. Introduction of the characters, main protagonist and	Picture composition, role play.
			Prose 7: Packing	theme.	Conduct quiz to ophance
			Prose 8: Reach for the Top	2. Appreciation of the poem and understand its theme.	
			Poetry 7: The Duck and the Kangaroo	3. Understanding the Clauses and its kinds.	
			Grammar :	4. Learning the format of article writing and solving	Exercises of Relative clauses.
			Clauses	exercises.	Students collect articles from
			Writing: Article Writing	Unit 6 : Solving various oversises for Peading	newspaper for understanding of
			Words and Expressions Workbook :	Comprehension Writing and Listoning Skills	article writing.

7.	Νον	17	 Beehive Textbook : Prose 9: The Bond of Love Poetry 8: On Killing a Tree Moments Supplementary Reader : 7. The Last Leaf Grammar : Determiners Writing: Essay Writing, Message Writing 	 Learning to identify personality traits for characters in different context given. Use of determiners according to the given context. Writing of essay and message in accordance with appropriate language, vocabulary and format. Unit 7 and 8 : Solving various exercises for Reading Comprehension, Writing, Speaking and Listening Skills. 	Students will write an essay on 'Human and Nature.' Reading of literature passages for enhancing of efficient reading skills and independent comprehension.
8.	Dec	24	Words and Expressions Workbook : Beehive Textbook : Prose 10: Kathmandu Poetry 9: The Snake Trying Moments Supplementary Reader : 8. A House Is Not a Home 9. The Accidental Tourist Writing: Notice Writing Words and Expressions Workbook :	 Understanding the term travelogue and its need. Appreciation of the poem and Interpretation of its theme. Introduction of notice and its need. Learning of format of notice. Unit 9 : Solving various exercises for Reading Comprehension, Writing, Speaking and Listening Skills. 	Assessment of Speaking Skill through JAM for Term II Activity. Students will write character sketch of various characters from literature. Notice writing activity.
9.	Jan	19	Beehive Textbook : Prose 11: If I Were You (Drama) Poetry 10: A Slumber Did My Spirit Seal Moments Supplementary Reader : 10. The Beggar Grammar : Modal Verbs Reported Speech Writing: Email Writing Words and Expressions Workbook :	 Introduction of the theme of the drama, the author, characters, plot, sub plot, climax, etc. Discussing various characters' traits. Learning of Dialogue Writing and Script Writing. Observing various character traits. Understanding of various Modal verbs in the required contexts. Learning the rules and examples to convert into Indirect Speech. (Refer to Beehive Text Pg 39 & 62 also) Learning the format of E-mail writing. Unit 10 and 11 : Solving various exercises for Reading Comprehension, Writing & Speaking Skills. 	Dramatization of the play in the class. Solving exercises from the Workbook. E-mail writing activity.
10. 11.	Feb Mar	22 11	Revision for Final Exam Revision for Final Exam	Enhancing the skills of comprehension and content writing. Solving of Revision worksheet	Solving multiple exercises from sample papers. Practice of exercises.



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1	April	23	स्पर्श [°] गद्य पाठ ^{°3} 1 [°] दुख का अधिकार	प्रस्तुत व्यंग्यपूर्ण रचना दवारा धनी लोगों की अमानवियता	कहानी को रोचक मोड़पर रोककर आगे की कहानी अपनी
				और गरीबों की मजबूरी को उजागर करना।	कल्पना के आधार पर कहना।
			पद्य पार्ठ ³ 1 [´] रैदास के पद	रैदास के पदों दवारा उनके आ़राध्य के साथ उनकी तुलना	रैदास के पदों का सस्वर गायन करवाना।
				भगवान की अपार उदारता Eकृपा और उनके समदर्शी	
				स्वभाव का वर्णन करना।	
			संचयन $^{3}1^{1}$ गिल्लू	एक गिलहरी के बच्चे की चंचलता, उसका Eियाकलाप व	पर्शु पक्षियों के जीवन पर आधारित कहानी प्रस्तुतीकरण।
			<u>^</u>	उसकी मृत्यु तक का वर्णन रेखाचित्र दवारा जानकारी देना	
			व्याकरर्ण वर्णविच्छेद Eवर्णसंयोजन	वर्णविच्छेद के नियमों को समझाना।	दिए गए शब्दों का वर्णविच्छेद व वर्ण संयोजन करवाना
			अनुच्छेद लेखन,	संकेत बिंदु पर आधारित दिए गए विषय पर अनुच्छेद लेखन	दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना
				का अभ्यास करना।	
			अनुस्वार, अनुनासिक,	उच्चारण दवारा अनुनासिक=अनुसार व नुक्ता के प्रयोग व	दिए गए शब्दों में अनुस्वार , अनुनासिक एवं नुक्ते के
			नुक्ता	अंतर को समझाना।	उचित प्रयोग हेतु अभ्यास करवाना।
2	June	22	गद्य पाठ ³ 2´ एवरेस्ट मेरी शिखर यात्रा	बचेंद्री पाल का एवरेस्ट की चोटी पर पहुÐी का विविध	मन के हारे हार है,मन के जीते जीत' - अनुच्छेद लेखन
				घटनाओं द्वारा वर्णन करना।	
			पद्य पाठ ${}^{f 3}2^{\prime}$ रहीम के पद	नितिपरक दोहों द्वारा मानव जीवन के लिए उपयोगी	'जल है तो कल है' - संवाद लेखन या विज्ञापन लेखन ।
				शिक्षाओं का विभिन्न दृष्टान्तो दवारा वर्णन करना।	
			³ 3´ आदमीनामा	इस उदबोधनात्मक कविता दवारा मानव की अच्छाइयों E	कविता का सस्वर वाचन करवाना।
				सीमाओं और संभावना से परिचित करवाना।	
			व्याकरर्ण उपसर्ग, प्रत्यय	नियमों को समझाकर नए शब्दों का निर्माण करवाना	शब्दों में प्रयुक्त उपसर्ग ,्रपत्यय व मूलशब्द छाच्छिर
					लिखवाना ।
			पत्रलेखन	अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना	दिए गए विषय पर आधारित पत्रलेखन करवाना।
			चित्रवर्णन	चित्र के आधार पर उसका वर्णन करवाना।	चित्र वर्णन करवाना।

3	July	25	संचयन ⁶³ 2 सृति	लेखक की बाल्यावस्था की एक घटना और बच्चों की सहज	बचपन की किसी अविस्मरणीय घटना का वर्णन करवाना।
				जिज्ञासा से संबंधित कठिन एवं जोखिमपूर्ण निर्णयों का सजीव	
				चित्रण करना।	
			गद्य पार्ठ ³ 3´ तुम कब जाओगे अतिथि	भारतीय संस्कृति 'अतिथि देवो भव' का भाव जगाती है और	परिचर्चा 'अतिथि देवो भव'
				हम भारतीय उस उक्ति को सार्थक करते है।	भारतीय संस्कृति के नैतिक मूल्यों के बारे में पूछना।
				परंतु अतिथि ज्यादा दिन रहें तो वह राक्षस भी प्रतीत हो	
				सकता है, ऐसा व्यंग्य इस पाठ से समझाना।	
			पद्य पार्ठ ³ 4 एक फूल की चाह	छुर्आ छूत की समस्या पर केंद्रित कविता का विविध प्रसंग	काव्य पर आधारित कहानी लेखन।
				द्वारा मार्मिक वर्णन करना।	
			व्याकरण	संधि के नियमों एवं भेदों की जानकारी देना।	दिए गए शब्दों का संधि व संधि ¹ विच्छेद करवाना।
			संवाद लेखन	दिए गए विषयों पर संवाद लेखन करवाना।	संवाद लेखन का अभ्यास करवाना
			अपठित गद्यांश, पद्यांश	गद्यांश एवं पद्यांश पर आधारित प्रश्नों के उत्तर लिखना	अपठित गद्यांश एवं पद्यांश का अभ्यास करवाना।
4	August	16	गद्य पाठ ³ 4 कीचड़ का काव्य	कीचड़ के माध्यम से बच्चों को मिट्टी और कीचड़ से	'क्या कीचड़ गंदगी है?' इस विषय पर परिचर्चा आयोजित
				जोड़ना। मिट्टी और कीचड़ में क्या अंतर है तथा उनसे	करना।
				निर्मित होने वाले प्राकृतिक चित्र से ज्ञात करवाना	
			व्याकरण विरामचिहन,	विराम चिहनों के नियमों को समझाकर उनके उचित प्रयोग	विरामचिह्नों का उचित प्रयोग करवाना।
				का अभ्यास करवाना।	
			विज्ञापन लेखन	दिए गए विषयों पर विज्ञापन लेखन करवाना।	विज्ञापन लेखन का अभ्यास करवाना।
5	September	22	पुनरावर्तन	लिखित व मौखिक पुनरावर्तन	पनरावर्तन के दवारा बच्चों से स्पर्श, संचयन एवं व्याकरण
			3	3	का अभ्यास करवाना।
6	October	18	गद्य पाठ ³ 5′ धर्म की आड़	बच्चों में सर्वधर्म समभाव की भावना को जागृत करने की	विभिन्न धर्मो संबंधी त्योहारों के नाम की सूची निर्माण
				प्रेरणा देना विविध धर्मी और त्योहारों के नामों की जानकारी	करना ।
				देना तथा उदार विचारधारा को प्रोत्साहन देना।	
			पद्य पाठ ⁵³ 5´ अग्निपथ	हिन्दी के महान साहित्यकार का परिचय तथा साहित्य की	'जीवन एक संघर्ष' - अनुच्छेद लेखन
				जानकारी देना ।	
			व्याकरर्ण संधि ु संवाद लेखन	संधि के नियमों एवं भेदों की जानकारी देना।	दिए गए शब्दों का संधि व संधिविच्छेद करवाना।
				दिए गए विषयों पर संवाद लेखन करवाना।	संवाद लेखन का अभ्यास करवाना।
7	November	17	संचयन 33 हामिद खाÐ	अहिंसा की प्रवृत्ति का विकास करके देशभक्ति की भावना	भारत के ऐतिहासिक स्थलों की जानकारी देना।
				का विकास करना। हिन्दू और मुसलमानों दोनों के हृदय में	
				धडकती सहृदयता व एकता की भावना की जानकारी देकर	
				सौहार्दपूर्ण आत्मीय संबंध स्थापित करने की प्रेरणा देना।	

			पद्य पाठ ⁶³ 6´नए इलाके में	'खुशबू रचने वाले हाथ' किन-किन परिस्थितियों में रहते है,	हिन्दी महीने के नाम एवं पर्व की जानकारी एकत्रित
			खुुशबू रचते हैं हाथ	और सबको खुशबू प्रदान करते है, इससे ज्ञात करवाना।	करना।
			व्याकरण विरामचिहन	पुरानी निशानियों के भरोसे हम कुछ भी नहीं कर सकते।	विरामचिहनों का उचित प्रयोग करवाना।
				विराम चिह्नों के नियमों को समझाकर उनके उचित प्रयोग	
				का अभ्यास करवाना।	
			वर्णविच्छेद	वर्णविच्छेद के नियमों को समझाना एवं अभ्यास करवाना।	दिए गए शब्दों का वर्णविच्छेद व वर्ण संयोजन करवाना।
			अनुच्छेर्द लेखन	संकेत बिंदु पर आधारित दिए गए विषय पर अनुच्छेद लेखन	दिए गए विषयों पर आधारित अनुच्छेद लेखन करवाना।
				का अभ्यास करना	
8	December	24	गद्य पाठ ³ 6´ शुËंतारे के समान	स्वतंत्रता सेनानी महात्मा गांधी जी एवं उनके अनुयायी महादेव	स्वतंत्रता सेनानियों की चर्चा करना।
				भाई देसाई की जानकारी देकर देशभक्ति की भावना	
				जगाना	
			³ 4र्दिए जल उठे	महात्मा गांधी जी की दांडी यात्रा के अद्भूत वर्णन के साथ	'लोहपुरूष ¹ सरदार वल्लभ भाई पटेल' के बारे में जानकारी
				नाव से महिसागर पार कराने के लिए लोगों ने क्या क्या	एकत्रित करवाना।
				किया इसकी जानकारी देना और स्वतंत्रता सेनानियों के प्रति	
				सम्मान एवं आदर भाव जगाना।	
			व्याकरण उपसर्ग प्रत्यय	नियमों को समझाकर नए शब्दों का निर्माण करवाना।	शब्दों में प्रयुक्त उपसर्ग ,प्रत्यय व मूलशब्द छाच्छिर
					लिग्बवाना।
			पत्र ¹ लेखन	अनौपचारिक पत्र का प्रारूप समझाना एवं अभ्यास करवाना।	दिए गए विषय पर आधारित पत्रलेखन करवाना
			विज्ञापन लेखन	दिए गए विषयों पर विज्ञापन लेखन करवाना।	विज्ञापन लेखन का अभ्यास करवाना
			चित्रवर्णन	चित्र के आधारपर उसका वर्णन करवाना।	चित्र वर्णन करवाना।
			अपठित गद्यांश, पद्यांश	गद्यांश एवं पद्यांश पर आधारित प्रश्नों के उत्तर लिखना	अपठित गद्यांश एवं पद्यांश का अभ्यास करवाना।
9	January	19	गर्द्य पद्य व व्याकरणिक इकाईयों का	लिखित व मौखिक पुनरावर्तन	पुनरावर्तन के दवारा बच्चों से स्पर्श, संचयन एवं व्याकरण
			पुनरावर्तन		का अभ्यास करवाना।
10	February	22	पुनरावर्तन	लिखित व मौखिक पुनरावर्तन	पुनरावर्तन के दवारा बच्चों से स्पर्श, संचयन एवं व्याकरण
	warch	11			का अभ्यास करवाना।



TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019-20

SUBJECT: Mathematics (041)

Class: IX

Sr.No.	Month	No.of Working	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
		Days			
1	April	23	Chapter : 1 Number systems.	1.1 Introduction. 1.2 Irrational Numbers 1.3 Real Numbers and their decimal	1.Constructing the "Square Root Spiral "
				expansions 1.4 Representing real Numbers on the Number Line 1.5 Operation on Real Numbers 1.6 Laws of Exponents for Real Numbers .	2. To obtain the mirror image of a given geometrical fig, with respect to the x- axis and y- axis.
			Chapter : 3 Coordinate	3.1 Introduction 3.2 Cartesian System 3.3	
			Geometry.	Plotting a point in a plane if its coordinates	
			Chanton - E Introduction to	are given.	
			Euclid 's Geometry	5.1 Introduction 5.2 Euclid S Definition ,	
			Eddina 3 Geometry.	Versions of Euclid 's Fifth Postulate	
2	June	22	Chapter : 2 Polynomials.	2.1 Introduction 2.2 Polynomials in One	Verification of cube Identies using blocks.
				Variable 2.3 Zeroes of a Polynomial 2.4	
				Remainder Theorem 2.5 Factorisation of	
			Chapter : A Linear Equation in	Polynomials 2.6 Algebraic Identities.	
			two variables	Solution of Linear Equation Graph of	
				linear equation in two variables .	
				Equations of lines parallel to the x –axis	
				and y-axis.	
3	July	25	Chapter : 6 Lines and Angles	6.1 Introduction 6.2 Basic Terms and Definitions 6.3 Intersecting lines and Non	1. Verification of sum property of a triangle
				Intersecting Lines 6.4 Pairs of Angles 6.5	
				Parallel Lines and a Transversal 6.6 Lines	
				Property of a Triangle	
			Chapter : 7 Triangles	7.1 Introduction 7.2 Congruence of	
				Triangles 7.3 Criteria for congruence of	
				Triangles 7.4 some Properties of a	
				Triangle 7.5 Some more Criteria for	
				Longruence of Triangles 7.6 Inequalities	

4	August	16	Chapter : 8 -Quadrilaterals	Ch -8 Introduction , Angle sum property, types of quadrilateral , Properties of parallelogram , Condition for a quadrilateral to be a parallelogram.	
5	September	22	Chapter : 12 Heron ' s formula REVISION FOR MID TERM	Ch-12.1 Introduction 12.2 Area of a Triangle – by heron 's formula 12.3 Application of Heron 's formula in finding Areas of Quadrilaterals.	
6	October	18	Chapter : 9-Areas of parallelograms and triangles	Ch -9 Introduction, Figures and parallelogram on the same base and between the same parallels, Triangles on the same base and between the same parallels.	
7	November	17	Chapter :10-Circles Chapter : 11- Constructions	Ch -10 Introduction , Circles and its related terms , Angle subtended by a chord at a point , Perpendicular from the centre to a chord , Circle through three points , Equal chord and their distances from centre , Angle subtended by an arc of a circle , Cyclic quadrilateral. Ch - 11 Introduction , Basic Constructions , Some construction of triangles.	 To verify that angle subtended by an arc at the centre is twice the angle subtended by the same arc at any other point on the remaining part of the circle. To verify that the angles in the same segment of a circle are equal. To verify that the angle in a semicircle is a right angle.
8	December	24	Chapter :13- Surface area and Volumes	Ch- 13 Introduction, Surface area of cuboid, cube, Right circular cylinder and cone, Sphere, Volume of cuboid, Cylinder, Right cylinder Cone and Sphere.	
9	January	19	Chapter :14 - Statistics Chapter :15 - Probability	Ch -14 Collection and Presentation of Data , Graphical Representation of Data , Measures of Central Tendency. Ch -15 Introduction and Probability – an Experimental Approach .	Random experiments using coins , dice playing cards.
10	February	22	REVISION FOR ANNUAL EXAM		
11	March	11	ANNUAL EXAM		

Name of the Teacher : Mrs. Survinder Kaur , Mr. Satish Sharma



SUBJECT: SCIENCE

TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019-20

Class: IX

Sr. No.	Month	No. of Working Days	No. & Name of the Chapter	Content / Sub Topics	Activities
1	April	23	 Matter in our Surrounding The Fundamental Unit of Life Motion 	 Definition of matter; solid, liquid and gas; State change-melting, freezing, evaporation, condensation, sublimation. Cell - basic unit of life, prokaryotic and eukaryotic cells Multicellular organisms cell organelles(chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes – basic structure, number) Cell membrane and cell wall Distance, displacement, speed, velocity; uniform and non- 	To determine the melting point of ice and the boiling point of water. To prepare stained temporary mounts of onion peel and human cheek cells and record
	May			uniform motion along a straight line; acceleration distance-time and velocity-time graphs. uniform motion and uniformly accelerated motion	
-	inay				
3	June	22	 2. Is Matter Around Us Pure 6. Tissues 8. Motion 9. Force and Laws of Motion 	Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, True solution, colloids and suspensions Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants). derivation of equations of motion by graphical method; elementary idea of uniform circular motion. Force and Motion, Newton's Laws of Motion,	To prepare and compare : true solution, suspension and colloidal solution them To identify parenchyma and sclerenchyma tissues in plants, striped muscle fibers and nerve cells in animals, from prepared slides and to draw their labeled diagrams.

4	July	25	 2. Is Matter around us pure 6. Tissues 9. Force and Laws of Motion 10. Gravitation 	Various separation techniques, Physical and chemical changes Connective and nerve tissues Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum Gravitation; Universal Law, gravity on the Earth	To prepare: mixture, compound (Fe +S) study phy. or chem. changes. Separate compo. using different separation techniques. Spotting of permanent slides
5	August	16	 3. Atoms and molecules 10. Gravitation 15. Improvement in Food Resources 	Atoms and molecules. Law of constant proportions. Atomic and molecular masses. Acceleration due to Gravity; Mass and Weight; Free fall. Plant and animal breeding and selection for quality, Use of fertilizers and manures; Protection from pests and diseases; Organic farming, Cattle Farming, Poultry Farming, Fish Production, Bee- Keeping	To verify the law of conservation of mass in a chemical reaction.
6	September	22	 3. Atoms and Molecules 10. Gravitation BIO (Revision) 	Mole Concept, Valence, Chem. formulae of common comp. Floatation: Buoyancy, Archimedes' Principle, Relative Density	To establish relationship between weight of a rectangular wooden block lying on a horizontal table and the minimum force required to just move it using a spring balance
7	October	18	 4. Structure of Atom 7. Diversity in Living Things (Plants) 11. Work and Energy 	Electrons, protons and neutrons; Models of an atom, Atomic No. and Mass No. Basis of classification. Hierarchy of categories / groups, Five Kingdom, (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperms and Angiosperms) Work done by a Force, Energy, power; Kinetic and Potential energy, Law of conservation of energy.	To study charts -models of an atom To study the characteristics of various plant. Draw and give two identifying features of the groups they belong to.

8	November	17	4. Structure of Atom7. Diversity in Living Things (Animals)	Isotopes and isobars. Diversity of animals - Major groups of animals (salient features) (Non-chordates upto phylum and chordates up to classes). Basic issues in scientific naming	To observe pictures, charts, models of earthworm, cockroach, bony fish and bird. For each organism, draw their picture and record: a) one specific b) one adaptive feature
			12. Sound	Nature of sound and its propagation in various media, speed of sound,	To verify the Laws of reflection of sound to determine the velocity of a pulse propagated through a stretched string/slinky.
9	December	24	12. Sound 13. Why Do We Fall ill 14. Natural resources	 Range of hearing in humans; ultrasound; reflection of sound; echo and SONAR. Structure of the Human Ear (Auditory aspect only). Health and Diseases: Health and its failure. Infectious and Non-infectious diseases, their cause's manifestation. Role of Air / Water / Soil, soil formation Their pollution and effects 	To study communicable and non- communicable diseases.
10	January	19	13. Why Do We Fall ill 14. Natural resources	Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention (Pulse Polio programmes) Bio- Geo chemical Cycle (Oxygen cycle, carbon cycle, nitrogen	To study Biogeochemical cycles.
11	February	22	REVISION	cycle and water cycle)	
12	March	11	REVISION		

Name of the Teacher. Mr. Sonu Chawalani , Mr. Deven Patel, Ms. Banti Solanki



TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019 - 20

Subject : Social Science

Class:IX

Sr.No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	Demo. Politics: Chapter 1 What is democracy? (will be continued in June)	What is democracy? Features of democracy.	
			Geography: Chapter 1. India- Size and Location	Latitudinal & Longitudinal extent of India , Important Latitudes, Standard Meridian of India, Time difference from east to west of India, Neighbors of India.	To locate the Latitudinal & Longitudinal extent of the places inthe Atlas. Map work of important latitudes & longitudes of India.
			History : Chapter 1. The French Revolution.	Introduction of French ancient regime and its crises, The social reason which led to revolution, The different revolutionary groups and ideas, philosophers and revolutionaries of France, The legacy of France.	To locate the important places of Great Fear on the outline map of Europe
			Economics; Chapter 1. The story of village Palampur	Economic transactions of palampur and its interaction with the rest of the world through which the concept of production including three factors of production(land, labour ,and capital) etc.	
2	June	22	Demo. Politics: Chapter 1 Why democracy?	Difference between democratic and non-democratic conditionsDemocracy and its value.	Group discussion on topic 'Broad meaning of democracy'
			Geography: Chapter 2. Physical Features of India	Landforms of India: Mountains, Plateaus, Plains, Desert, Hilly areasetc, Formation based on Gondwana land and Eurasian plates,	Map work showing mountain ranges of India , Plateaus and Coastal strips
			History: Chapter 2. Socialism in Europe and the Russian Revolution	Nature of social movements between 1905 and 1917. The crises of Tzarism. The First World War and foundation of Soviet State.	A video will be shown on socialism and The Russian Revolution

3	July	25	Revision- P.T-1	All the chapters will be revised to understand the topics,	Class test
			 Demo. Politics: Chapter 2 Constitutional Design (will be continued in August) Economics:Chapter2 People as Resource 	Democratic constitution in south Africa, Why do we need a constitution? Economic activities done by men and women; unpaid work done by women; quality of human resource; role of health and education; unemployment as a form of non utilization of human resource.	Group discussion on constitution. Group discussion on recent developments in health related measures were taken by the government.
			History: Chapter 3. Nazism and The Rise of Hitler	Rise of Nazism. The growth of social democracy , the crises of Germany ,the basis of Hitler's rise to power , the ideology of Nazism , the impact of Nazism.	A documentary will be shown based on the Rise of Hitler.
4	August	16	Demo. Politics: Chapter 2 Constitutional DesignGeography: Chapter 3. Drainage	Making of the Indian constitution. Guiding values of the Indian constitution. Meaning of drainage system and its formation , Classification of rivers, Facts & figures of Important rivers of India like Indus, Ganga & Brahmaputra	To do research on Apartheid regime in South Africa, 1964 and the struggle of Dr.Nelson Mandela opposing this system. Map Work of important lakes & rivers of India, Making list of major rivers and mentioning multipurpose projects and their importance
			Economics: Chapter 3 Poverty as a Challenge	Who is poor? Rural and urban. Absolute poverty Why people are poor? Unequal distribution of resources; steps taken by government for poverty alleviation.	Data collection, graph analysis. Topic : Phenomena of global poverty
5	September	22	Geography: Chapter 4. Climate	Factors influencing climate, monsoon its characteristics, Climate and human life.	Collage making: Monsoon 2019 in India
			Demo. Politics: Chapter 3 Electoral Politics	Why elections? What is system of elections?	Election of a class monitor through the electoral process.
			Revision- Mid Term	All the chapters will be revised to understand the topics,	Class test and Quiz

6	October	18	Economics: Chapter 4 Food Security in India Demo. Politics:Chapter 3 Electoral Politics	Source of food grains: famines in the past, the need for self sufficiency- role of government in food security- procurement of food grains-over flowing of granaries and people without food – role of co- operatives in food security. What makes elections in India democratic?	Group Discussion:Measures taken by the NDA govt. related to food security in India. Debate on electoral process in
			Geography: Chapter 5. Natural Vegetation andWildlife	Vegetation types, distribution as well as altitudinal variation, need for conservation and various measures	Map work : Types of forestin India
7	November	17	 History: Chapter 4. Forest Society and Colonialism Demo. Politics: Chapter 4 Working of Institutions 	Why deforrestation?The rise of colonial forestry.Rebellion in the forest . forest transformation in java.How is the major policy decisiontaken?parliament,political executive, judiciary.	Activity: Discussion based on PPT- Forest Society and Colonialism
			Revision - P.T- 2	All the chapters will be revised to understand the topics	Class test and Quiz will be taken
8	December	24	Demo. Politics Chapter 5 Democratic Rights	Life without rights ,rights in a democracy, rights in the Indianconstitution, expanding the scope of rights.	Activity: Poster making : Fundamental Rights
			Geography: Chapter 6. Population	Population change, literacy, health, occupational structure and National Population Policy; adolescents and problems.	Group discussion : Girl child to be protected under the slogan "BetiBachaoBetiPadhao"
9	January	19	Revision	All the chapters will be revised.	Class test
10	February	22	Revision	Solving previous year question paper	Class test
11	March	11	Final examination	_	_



TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019-20

SUBJECT: Computer

Class- IX

Sr.No	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities	
1	April	23	Fundamentals of computer	Computer operating systemsWorking with files and foldersUses of internet	Practical based on working of operating system	
2	June	22	Fundamentals of computer	 Introduction to WWW Digital Media Devices Measures to protect computer from threats 	Practical based on install & uninstall software	
3	July	25	Word Processing (Basic)	 Introduction to Microsoft Word Components of a document Creating & saving document Inserting headers and footers Copying & Moving text, Font formatting 	Practical based on Word	
4	August	16	Word Processing (Basic)	 Find & replace Bullet & numbers Align text and creating tables Borders and page orientation 	Document using functions	
5	September	22	Revision for Mid Term Test			
6	October	18	Spreadsheet (Basic)	 Introduction to Microsoft Excel Components of a Excel Creating & saving workbook Basic Calculations Using functions 	Practical based on Excel using functions	

7	November	17	Spreadsheet (Basic)	 Inserting & deleting columns Formatting cells Managing Worksheet 	Practical based on Excel using functions
8	December	24	Digital Presentation	 Introduction to Microsoft Powerpoint Components of a Powerpoint Creating & saving presentation Inserting images,graphics 	Practical based on presentation using basic tools
9	January	19	E-mail messaging (Basic)	 Introduction to E-mail Creating an E-mail with Gmail Creating an E-mail with Outlook Composing Email & Attaching file with message Using folders to organize E-mail 	Practical based on operations of Email account
10	February	22	Revision & Final Examination		
11	March	11			

Name of the Teacher: Ms.Bhanu Priya Arora , Ms.Divya Bhavsar

TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS (2019-20)

Std : 6 to 10

SUB: MUSIC (vocal)

Teacher name :Priyanka Shukla

Month	Class	Work Specification	
	6^{th}	Give them knowledge about beginning, middle and ending of the song.	
		Preparation For Foundation Day	
		Practice Of Prayer Song "Vah Shakti Hame do"	
		Practice Of School Song "Tapovan a gift of god"	
		Practice Of Guru mantra for Thursday praver.	
	7 th	Give them knowledge about beginning, middle and ending of the song.	
	-	Preparation For Foundation Day	
		Practice Of Praver Song "Vab Shakti Hame do"	
		Practice Of School Song "Tanovan a gift of god"	
		Practice Of Guru mantra for Thursday praver	
	8 th	Give them knowledge about beginning, middle and ending of the cong	
	0	Brongration For Foundation Day	
Anril		Prostice Of Drover Song "Veb Shelti Home do"	
Артт		Practice Of Player Song Van Shakii Hame uu	
		Practice Of School Song Tapovan a gift of god	
	oth	Practice Of Guru mantra for Thursday prayer.	
	9	Give them knowledge about beginning, middle and ending of the song.	
		Preparation For Foundation Day	
		Practice Of Prayer Song "Vah Shakti Hame do"	
		Practice Of School Song "Tapovan a gift of god"	
	th	Practice Of Guru mantra for Thursday prayer.	
	10"'	Give them knowledge about beginning, middle and ending of the song.	
		Preparation For Foundation Day	
		Practice Of Prayer Song "Vah Shakti Hame do"	
		Practice Of School Song "Tapovan a gift of god"	
		Practice Of Guru mantra for Thursday prayer.	
	6 th	Practice Of Guru Vandana "Jyot se jyot jagao sadguru"	
	7^{tn}	Practice Of Guru Vandana "Jyot se jyot jagao sadguru"	
June	8^{th}	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"	
	9^{tn}	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"	
	10 th	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"	
	6 th	Practice of Patriotic song "Bharat pyara desh hamara"	
		Practice of Flag song " Vijay vishwa tiranga "	
		National Song "Vande matram"	
	7 th	Practice of Patriotic song "Bharat pyara desh hamara"	
		Practice of Flag song " Vijay vishwa tiranga "	
		National Song "Vande matram"	
Julv	8 th	Practice of Patriotic song "Sangthan gade chalo"	
		Practice of Flag song "Vijay vishwa tiranga "	
		National Song "Vande matram"	
	9 th	Practice of Patriotic song " Sangthan gade chalo"	
		Practice of Flag song " Vijav vishwa tiranga "	
		National Song "Vande matram"	
	10 th	Practice of Patriotic song " Sanothan gade chalo"	
		Practice of Flag song " Vijav vishwa tiranga "	
		National Song "Vande matram"	
	6 th	Tast	
	7 th	Toet	
August	o th		
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	9 th	Test
	10 th	Test
	6 th	Practice Of Devotional song "Shabad – Tum thakur tum "
	7 th	Practice Of Devotional song "Shabad – Tum thakur tum "
September	8 th	Practice Of Devotional song "Bhajan – Hari tum haro "
-	9^{th}	Practice Of Devotional song "Kirtan – Krishna govind gopala "
	10 th	Practice Of Devotional song "Kirtan – Krishna govind gopala "
	6 th	Practice of Christmas carol "Mary's boy child"
October /	7^{th}	Practice of Christmas carol "Mary's boy child"
November	8^{th}	Practice of Christmas carol "Mary's boy child"
November	9^{th}	Practice of Christmas carol " Joy to the world"
	10 th	Practice of Christmas carol " Joy to the world"
	6 th	Watching vocal video.(light music,semi classical,classical and folk music)
December	7 th	Watching vocal video.(light music,semi classical,classical and folk music)
	8 th	Watching vocal video.(light music,semi classical,classical and folk music)
	9^{th}	Watching vocal video.(light music,semi classical,classical and folk music)
	10 th	Watching vocal video.(light music,semi classical,classical and folk music)
	6 th	Practice of Patriotic song "Kandho se milte he kandhe"
	7 th	Practice of Patriotic song "Kandho se milte he kandhe"
January	8 th	Practice of Patriotic song "Kandho se milte he kandhe"
-	9^{th}	Practice of Sarswati vandana "Vina vadini teri jay ho"
	10 th	Practice of Sarswati vandana "Vina vadini teri jay ho"
	6 th	Test and Musical Games
	7 th	Test and Musical Games
February	8 th	Test and Musical Games
	9^{th}	Test and Musical Games
	10 th	Test and Musical Games

Teacher's sign.

Principal's sign.

TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS (2019-20)

Std : 6 to 10 S

<u>SUB: MUSIC (instrumental)</u> Teacher name : Ashish Barot

Month	Class	Work Specification
	6 th	Give them knowledge about beginning rhythm, middle rhythm
		and ending rhythm of the song.
		Rhythm of Prayer song, School song & National Anthem on
	- th	Congo.
	/	and ending rbythm of the song
		Rhythm of Praver song. School song & National Anthem on
		Congo.
	8 th	Give them knowledge about beginning rhythm, middle rhythm
April		and ending rhythm of the song.
	O th	Rhythm of Prayer song, School song & Group Song on Congo.
	9	and ending rbythm of the song
		Rhythm of Praver song. School song & Group Song on Congo
		& Drums.
	10 th	Give them knowledge about beginning rhythm, middle rhythm
		and ending rhythm of the song.
		Rhythm of Prayer song, School song & Group Song on Congo
	6 th	Rhythm Of Guru Vandana "Jyot se iyot jagao sadguru" on
		Tabla & Dholak.
	7 th	Rhythm Of Guru Vandana "Jyot se iyot jagao sadguru" on
		Tabla & Dholak.
	8 th	Rhythm Of Guru Bhaian "Guru chrne iara iai io ne tu" on Tabla
Jun		& Dholak.
	9 th	Rhythm Of Guru Bhaian "Guru chrne iara iai io ne tu" on Tabla
		& Dholak.
	10 th	Rhythm Of Guru Bhajan "Guru chrne jara jai jo ne tu" on Tabla
		& Dholak.
	6 th	Rhythm of Patriotic song "Bharat pyara desh hamara" & Flag
		song "Vijay vishwa tiranga" & National Song "Vande matram"
		on Congo.
	7 th	Rhythm of Patriotic song "Bharat pyara desh hamara" & Flag
		song "Vijay vishwa tiranga" & National Song "Vande matram"
		on Congo.
July	8^{tn}	Rhythm of Patriotic song "Sangthan gade chalo"
		& Flag song "Vijay vishwa tiranga" & National Song "Vande
	th	matram" on Congo.
	9"	Rhythm of Patriotic song "Sangthan gade chalo"
		& Flag song "Vijay vishwa tiranga" & National Song "Vande
	th	matram" on Congo.
	10"	Rhythm of Patriotic song "Sangthan gade chalo"
		A ⊢iag song "Vijay vishwa tiranga" & National Song "Vande
	cth	matram [®] on Congo.
	0 —th	
August	/ o th	
	o th	
	9 th	
	1 <i>0</i> "'	lest

	6 th	Information about Tabla.& Rhythm of Devotional song
		"Shabad – Tum thakur tum " on Tabla & Dholak.
	7 ^{tn}	Information about Tabla.& Rhythm of Devotional song
	-	"Shabad – Tum thakur tum " on Tabla & Dholak.
September	8 th	Rhythm of Devotional song "Bhajan – Hari tum haro " on
	Ũ	Tabla & Dholak
	o th	Phythm of Dovotional cond "Kirtan Krishna dovind donala"
	9	an Table & Dhalak
	1 oth	
	10	Rnythm of Devotional song "Kirtan – Krishna goving gopala"
	th	on Tabla & Dholak.
	6"	Watching instrumental video.(light music, semi
	-th	classical, classical and folk music)
	1	Watching Instrumental Video. (light music, semi
0	o th	Viatobing instrumental video (light music)
October /	0	classical classical and folk music)
November	Q th	Watching instrumental video (light music semi
	Ű	classical classical and folk music)
	10 th	Watching instrumental video.(light music. semi
		classical, classical and folk music)
	oth	
	6	Information about Drums & Taught how to play Drum set.
		Rhythm of Christmas carol " Mary's boy child" on Congo &
		Drums.
December	7	Information about Drums & Taught how to play Drum set.
December		Rhythm of Christmas carol "Mary's boy child" on Congo &
		Drums.
	8^{th}	Revise Drum set & Rhythm of of Christmas carol "Mary's boy
		child" on Congo & Drums.
	9^{th}	Revise Drum set & Rhythm of Christmas carol " Joy to the
		world" on Congo & Drums.
	10 th	Revise Drum set & Rhythm of Christmas carol " Joy to the
		world" on Congo & Drums.
	6 th	Rhythm of Patriotic song "Kandho se milte he khandhe" on
	, s	Congo & Dholak
	7 th	Rhythm of Patriotic song "Kandho se milte he khandhe" on
	/	Congo & Dholak
January	o th	Bhuthm of Detrictio cond "Kondho co milto he khandho" on
-	0	Congo & Dholok
	o th	Congo & Dholdk.
	9	Rhythm of Sarswati vandana Vina vadini teri jay no on Tabia
	1 oth	
	10"	Rhythm of Sarswati vandana "Vina vadini teri jay ho" on Tabla
	e th	& Dholak.
	6"	Test, Notation of Sargam on Keyboard & Drum Beats on
		Drum set.
	7	Test, Notation of Sargam on Keyboard & Drum Beats on
Fahrman		Drum set.
repruary	8^{th}	Test, Notation of Sargam on Keyboard & Drum Beats on
		Drum set.
	9^{th}	Test, Notation of Sargam on Keyboard & Drum Beats on
		Drum set.
	10 th	Test, Notation of Sargam on Kevboard & Drum Beats on
	-	Drum set.
	1	