



TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHA
ANNUAL SYLLABUS BIFURCATION MONTHLY (2023-24)

CLASS: IX

SUBJECT : MATHEMATICS

SL. NO.	TOPIC	SUB TOPIC	MONTH
1.	Circles	Class 9 – 7 postulates (proofs and sums related to it)	October
		Class 10 – 2 postulates (proofs and sums related to it)	November December + January
2.	Statistics and Probability	1. Bar Graphs 2. Histograms 3. Frequency Polygons 4. Arithmetics Mean	
		CLASS 10 5. Finding mean (direct method and assumed mean method) 6. Finding median 7. Finding Mode 8. Solving probability	
3.	Volumes and Surface area	1. R.C. Cylinder 2. R.C. Cone 3. Sphere 4. Hemispheres 5. Combination Solids	

SUBJECT: Science(CHEMISTRY)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Structure of Atom	Electrons, protons and neutrons, Valency, Atomic Number and Mass Number, Isotopes, and Isobars.	October
2	Revision	Is matter around us pure	November

3	Revision	Atoms and Molecules	December
4	Revision	All chapters	January

SUBJECT : Hindi(L2)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	कविता (स्पर्श-1)	अग्नि पथ कवि परिचय, पाठ का पठन, व्याख्या, प्रश्न-उत्तर	अक्टूबर
2	कहानी (स्पर्श-1)	वैज्ञानिक चेतना के वाहक- चन्द्रशेखर वेंकट रामन लेखक परिचय, पाठ का पठन, सार, प्रश्न-उत्तर	
3	व्याकरण	स्वर संधि नियम, अभ्यास कार्य	
4	कविता (स्पर्श-1)	➤ नए इलाके में.... ➤ खुशबू रचते हैं हाथ.... कवि परिचय, पाठ का पठन, व्याख्या, प्रश्न-उत्तर	नवंबर
5	संचयन-1	कल्लू कुम्हार की उनाकोटी पाठ का पठन, प्रश्न-उत्तर	

6	व्याकरण	अर्थ की दृष्टि से वाक्य में भेद नियम, अभ्यास कार्य	
7	निबंध (स्पर्श-1)	कीचड़ का काव्य लेखक परिचय, पाठ का पठन, सार, प्रश्न-उत्तर	दिसंबर
8	संचयन-1	मेरा छोटा-सा निजी पुस्तकालय पाठ का पठन, प्रश्न-उत्तर	
9	व्याकरण	विराम चिह्न नियम, अभ्यास कार्य	
10	रचनात्मक लेखन	संवाद लेखन (पुनराभ्यास)	
11	कहानी (स्पर्श-1)	शूक्रतारे के समान लेखक परिचय, पाठ का पठन, सार, प्रश्न-उत्तर	जनवरी
12	रचनात्मक लेखन	अनुच्छेद लेखन, चित्र लेखन, अनौपचारिक पत्र लेखन- पुनराभ्यास	
13	पुनराभ्यास	पुनराभ्यास	फरवरी

SUBJECT : BENGALI (L2)

SL. NO.	TOPIC	SUB TOPIC	MONTH
	গল্প - ইলিয়াস ক্রতপাঠ - আম আঁটির ভেঁপু - অধ্যায় - ৯,১০,১০	*লেখক পরিচিতি। *গল্প পাঠ *প্রশ্নের উত্তর লেখা [MCQ/SAQ/BQ]	October
	ব্যাকরণ	বোধপরীক্ষণ, সমাস, অশুদ্ধি সংশোধন বাক্য পরিবর্তন	
	নির্মিতি	*প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা	
	কবিতা - ব্যথার বাঁশি ক্রতপাঠ - আম আঁটির ভেঁপু - অধ্যায়- ১২,১৩,১৪, ১৫	*গল্প/কবিতা পাঠ *প্রশ্নের উত্তর লেখা [MCQ/SAQ/BQ]	November
	ব্যাকরণ	বোধপরীক্ষণ, সমাস, অশুদ্ধি সংশোধন বাক্য পরিবর্তন	
	নির্মিতি	*প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা	
	ক্রতপাঠ - আম আঁটির ভেঁপু - অধ্যায় - ১৬-১৯	*গল্প পাঠ *প্রশ্নের উত্তর লেখা [MCQ/SAQ/BQ]	December
	ব্যাকরণ	বোধপরীক্ষণ, সমাস, অশুদ্ধি সংশোধন বাক্য পরিবর্তন	
	নির্মিতি	*প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা	
	Revision		January

SUBJECT : Social Science (GEOGRAPHY)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Natural Vegetation and Wildlife	To be done as inter-disciplinary project	October
2.	Population	Population Size and Distribution	October
		Population Growth	November
		Processes of Population Change	November

SUBJECT : Social Science (ECONOMICS)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Poverty as a Challenge	Social Exclusion, Vulnerability and Causes of Poverty	November
		Anti-poverty measures and challenges	December
2	Food Security in India	Food Insecurity and Hunger	January
		Food Security System	January
3	Revision		February

SUBJECT : Social Science (HISTORY)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Forest, society and colonialism	To be done as inter-disciplinary project	October
2	Pastoralists in the Modern world	Situations that created nomadic society African vs Indian Pastoralists How pastoralists impacted by colonial rule Contribution of Pastoralists in modern economy	November

SUBJECT : Social Science (CIVICS)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Working of Institutions	Roles , responsibilities of 3 organs of the government Rule of Law in India Power of Legislature, Judiciary	October November
2	Democratic rights	Being responsible citizens Claiming rights Role of rights in a Democracy	December-January

SUBJECT : Science (PHYSICS)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Work and Energy	Scientific concept of work Work done by a constant force	October

		Concept of Energy	
		Kinetic and Potential energy	November
		Gravitational potential energy	
		Transformation of energy	
		Law of conservation of energy	November - December
		Rate of doing work - Power	
2.	Sound	Introduction to sound, Production of sound	December
		Wave, types of waves	
		Sound wave, type of the sound wave, propagation of sound wave	
		Sound needs a medium to travel	
		Characteristics of sound wave, Speed of sound in different medium	
Revision and Periodic Assessment - 2			December- January
2.	Sound	Reflection of sound	January
		Echo and Reverbation	
		Uses of multiple reflection of sound	

		Range of hearing, Application of ultrasound, Sonor	
		Structure of human ear	
Revision of all syllabus and Term -2			February

SUBJECT : ARTIFICIAL INTELLIGENCE(417)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Employability Skills	Unit 4: Entrepreneurial Skills-I	October
2	Subject Specific Skills(Unit 4: Introduction to Python)	Python Basics Flow of control and conditions	November
		Python Lists	December
3	Python	Practical File	January
Revision			February

SUBJECT : Information Technology (402)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1.	Green Skills-I	<ul style="list-style-type: none"> • Environment protection and conservation. • Importance of Green Economy 	October

2.	Digital Documentation	<ul style="list-style-type: none"> • Introduction to Word processor. • Editing and formatting a document. • Working with tables. • Printing a document. • Mail merge. 	November
3.	Electronic Spreadsheet	<ul style="list-style-type: none"> • Introduction to Spreadsheet. • Editing and formatting a Spreadsheet. • Using cell references and Charts. 	December
4.	Digital Presentation	<ul style="list-style-type: none"> • Introduction to Presentation software. • Creating a presentation. • Working with slides. • Using Tables in a presentation. • Using Images in a presentation. • Slide master 	January
5.	Revision	Revision for all	February

SUBJECT : BIOLOGY

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	WHY DO WE FALL ILL?	HEALTH-SIGNIFICANCE	OCTOBER
		MAINTAINANCE OF HEALTH-PERSONAL AND COMMUNITY ISSUES	
		DISTINCTIONS BETWEEN HEALTHYAND DISEASE FREE	
		SIGN AND SYMPTOMS	
		ACUTE AND CHRONIC DISEASES	

		<p>CHRONIC DISEASES AND POOR HEALTH</p> <p>CAUSES OF DISEASE- INFECTIOUS AND NON INFECTIOUS</p> <p>AGENTS OF INFECTIOUS DISEASES</p> <p>MEANS OF TRANSMISSION</p> <p>ORGAN SPECIFIC AND TISSUE SPECIFIC MANIFESTATION</p> <p>PRINCIPLES OF TREATMENT AND PREVENTION</p>	
2.	IMPROVEMENT IN FOOD RESOURCES	<p>INTRODUCTION</p> <p>IMPROVEMENT IN CROP YEILDS- CROP VARIETY IMPROVEMENT CROP PRODUCTION MANAGEMENT -NUTRIENT MANAGEMENT, IRRIGATION, CROPPING PATTERNES.</p> <p>CROP PROTECTION MANAGEMENT- STORAGE</p> <p>ANIMAL HUSBANDRY</p> <p>LIVESTOCK</p> <p>CATTLE FARMING</p> <p>POULTRY FARMING</p> <p>FISH PRODUCTION</p> <p>BEE KEEPING</p>	NOVEMBER
3.	DIVERSITY IN LIVING ORGANISMS	<p>INTRODUCTION</p> <p>BASIS OF CLASSIFICATION</p> <p>CLASSIFICATION AND EVOLUTION</p> <p>THE HIERARCHY OF CLASSIFICATION - GROUPS</p> <p>FIVE KINGDOM CLASSIFICATION</p> <p>KINGDOM MONERA</p> <p>KINGDOM PROTISTA</p> <p>KINGDOM FUNGI</p> <p>KINGDOM PLANTAE</p> <p>THALLOPHYTA, BRYOPHYTA, PTERIDOPHYTA, GYMNOSPERMS,</p>	DECEMBER

		ANGIOSPERMS.	
		KINGDOM ANIMALIA	
		NON CHORDATES- PORIFERA, CNIDARIA, PLATYHELMINTHES, NEMATODA, ANNELIDA, ARTHROPODA MOLLUSCA, ECHINODERMATA.	
		PROTOCHORDATA	
		CHORDATES	
		VERTEBRATA- CYCLOSTOMATA, PISCES, AMPHIBIA, REPTILIA AVES, MAMMALIA	

REVISION		JANUARY
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REVISION AND ANNUAL EXAMINATION		FEBRUARY
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SUBJECT : ENGLISH

SL. NO.	TOPIC	SUB TOPIC	MONTH
1.	Reach For The Top	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	October
2.	On Killing A Tree	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	October
3.	Kathmandu	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	November
4.	A House Is Not A Home	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	November
5.	Integrated Grammar and Comprehension	<ul style="list-style-type: none"> • Practice Worksheet 	November
6.	A Slumber Did My Spirit Seal	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	December

7.	If I Were You	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	December
8.	Integrated Grammar and Comprehension	<ul style="list-style-type: none"> • Practice Worksheet 	December
11.	The Beggar	<ul style="list-style-type: none"> • Explanation • Questions and Answers 	January
12.	Descriptive paragraph	<ul style="list-style-type: none"> • (word limit 100-120 words), describing a person / event / situation, based on visual or verbal cue/s. 	January



TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

ANNUAL SYLLABUS BIFURCATION EXAMWISE (2023-24)

CLASS: IX

SUBJECT : MATHEMATICS

SL. NO.	MONTH	FA 2	PA - II	Annual
	October	1 FA (Circles)	Circles, Statistics and probability	Full CBSE syllabus of class 9 (Half yearly + annual)
2	November	1 FA (Full circles) + 1FA (Statistics)		
3	December	2 FA (Volumes and surface areas)		
4	January	Revision FAs		

SUBJECT: Science (Chemistry)

SL. NO.	MONTH	FA 2	PT2	ANNUAL EXAMINATION
1	October	Structure of atom		
2	November	Atoms and Molecules Revision/ FA		
3	December	Structure of Atom+ Atoms and Molecules		
4	January		Atoms and	

			Molecules Structure of Atom	
5.	February			Full syllabus

SUBJECT: BENGALI

Sl. No	Month	FA	PT	ANNUAL
	October	গল্প - ইলিয়াস দ্রুতপাঠ - আম আঁটির ভেঁপু সমাস, অঙ্কি সংশোধন বাক্য পরিবর্তন *প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা		
	November	কবিতা - ব্যথার বাঁশি দ্রুতপাঠ - আম আঁটির ভেঁপু সমাস, অঙ্কি সংশোধন বাক্য পরিবর্তন *প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা		
	December	দ্রুতপাঠ - আম আঁটির ভেঁপু সমাস, অঙ্কি সংশোধন বাক্য পরিবর্তন *প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা		
	January		গল্প - *চিঠি, *ইলিয়াস কবিতা - *ব্যথার বাঁশি *খেয়া দ্রুতপাঠ - আম আঁটির ভেঁপু[১০-১৫]	

			নিম্নিত - *প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা ব্যাকরণ - স্বরসন্ধি সমাস, অশুদ্ধি সংশোধন বাক্য পরিবর্তন	
	February			গল্প - *ছুটি *দাম *চিঠি, *ইলিয়াস কবিতা - *ব্যথার বাঁশি *খেয়া *এই জীবন *জন্মভূমি আজ দ্রুতপাঠ - আম আঁটির ভেঁপু[সম্পূর্ণ] নিম্নিত - *প্রতিবেদন রচনা *বিজ্ঞপ্তি রচনা ব্যাকরণ - স্বরসন্ধি সমাস, অশুদ্ধি সংশোধন বাক্য পরিবর্তন

SUBJECT: Social Science (GEOGRAPHY & ECONOMICS)

Sl. No	Month	FA	PT-II	FINAL
1	October(Geo)	Natural Vegetation and Wildlife	Population	<ul style="list-style-type: none"> • India: Physical Features • Drainage • Population
2	November(Geo)	Population	Poverty	

4	November(Eco)	Poverty	Climate	<ul style="list-style-type: none"> • Poverty • Food Security
5	December(Geo & Eco)	Revision FA		
6	January	Food Security		
7	February	Revision Tests / Viva		

SUBJECT: Social Science (HISTORY & CIVICS)

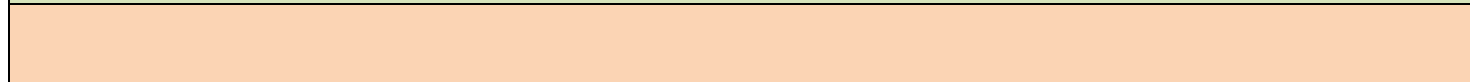
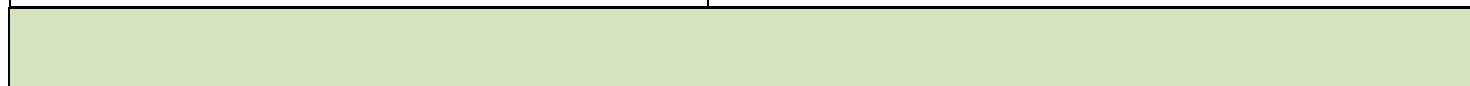
Sl. No	Month	FA	PT-II	FINAL
1	October (History)	Forest , Society and Coloniaism	Pastoralism Working of Institutions	<ul style="list-style-type: none"> • The French Revolution • Socialism and the Russian Revolution • Nazism and the rise of Hitler • Electoral politics • Working of Institutions • Democratic rights
2	November(Hist)	Pastoralism		
3	November (Civics)	Working of Institutions		
4	January	Democratic rights		
5	February	Revision Test		

SUBJECT : Physics

SL. NO.	MONTH	FA 2	PT 2	ANNUAL
1	October	1 FA- Work done (PPT)		
2.	November	1 FA – Energy and power(PPT)		
3.	December	1 FA – Work, Energy, Power(NPPT) 1 FA- PPT 1 FA – Sound wave(PPT)		Work and energy, Sound
		Practical – Determination of the speed of a pulse propagated through a stretched string/ slinky		
December- January			Revision and PA - 2	
5.	January	1 FA – Reflection of sound, Application of ultrasound, Human ear(PPT)	Work and Energy	

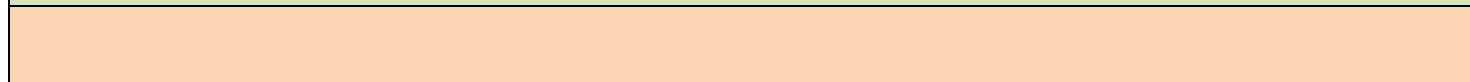
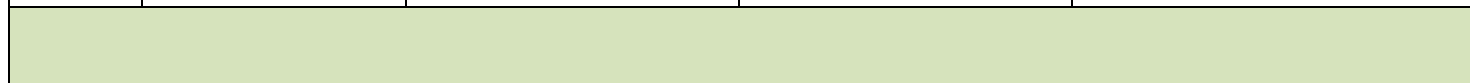
		Practical – Verification of laws of reflection of sound		
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February		Revision of all syllabus and term II		
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SUBJECT: ARTIFICIAL INTELLIGENCE

Sl. No	Month	FA 2	PT 2	ANNUAL
1	October	Entrepreneurial Skills-I	Entrepreneurial Skills-I, Python Basics, Flow of control and conditions	Entrepreneurial Skills-I, Python Basics, Flow of control and conditions, Neural Network
2	December	Flow of control and conditions		
3	January	Python full		



SUBJECT: Information Technology - 402

Sl. No	Month	FA 2	PT 2	ANNUAL
1.	November	Green Skills-I	-	
2.	December	Digital Documentation	-	
3.	January	Electronic Spreadsheet	<ul style="list-style-type: none"> • Green Skills-I • Digital Documentation 	
4.	February	Digital	-	<ul style="list-style-type: none"> • Green Skills-I

		Presentation		<ul style="list-style-type: none"> • Digital Documentation • Electronic Spreadsheet • Digital Presentation
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SUBJECT: BIOLOGY

SL NO.	MONTH	FA 2	PT2	ANNUAL
1.	OCTOBER	WHY DO WE FALL ILL?		
2.	NOVEMBER	IMPROVEMENT IN FOOD RESOURCES		
3.	DECEMBER		WHY DO WE FALL ILL, IMPROVEMENT IN FOOD RESOURCES	
4.	JANUARY	DIVERSITY IN LIVING ORGANISMS		
5.	FEBRUARY			IMPROVEMENT IN FOOD RESOURCES, WHY DO WE FALL ILL, DIVERSITY IN LIVING ORGANISMS, FUNDAMENTAL UNIT OF LIFE- CELL, PLANT

TISSUE, ANIMAL
TISSUE, NATURAL
RESOURCES

SUBJECT : ENGLISH

SL. NO.	MONTH	FA 2	PT 2	ANNUAL
1.	October	<ul style="list-style-type: none">• Reach for the Top• On Killing A Tree<ul style="list-style-type: none">• ASL		
2.	November	<ul style="list-style-type: none">• Kathmandu• A House Is Not a Home		
4.	December	<ul style="list-style-type: none">• A Slumber Did My Spirit Seal• If I Were You• Integrated Grammar	Chapters done from October till the first week of December.	
5.	January	<ul style="list-style-type: none">• The Beggar• Writing skill• Integrated grammar		
6.	February	Miscellaneous (Sample papers, Revision FAs)		Full syllabus (Term I + Term II)

SUBJECT : HINDI (L2)

SL. NO.	MONTH	FA2	PT2	ANNUAL
SL. NO.	MONTH	FA2	PT2	ANNUAL
1	अक्टूबर	अग्निपथ और स्वर संधि		
2	नवंबर	वैज्ञानिक चेतना के वाहक- चन्द्रशेखर वेंकट रामन और अर्थ की दृष्टि से वाक्य में भेद		
3	दिसंबर	ASL खुशबू रचते हैं हाथ- परियोजना कार्य (Project work) चित्र वर्णन और संवाद लेखन		

4	जनवरी	<p>शूक्रतारे के समान और विराम चिह्न</p> <p>कला एकीकरण (Art Integration)</p>	<p>अपठित काव्यांश और गद्यांश</p> <p>व्याकरण- स्वर संधि, अर्थ के दृष्टि से वाक्य के भेद और विराम चिह्न</p> <p>स्पर्श- कविता- अग्निपथ, नए इलाके में, खुशबू रचते हैं हाथ</p> <p>पाठ- वैज्ञानिक चेतना के वाहक- चन्द्रशेखर वेंकट रामन और कीचड़ का काव्य</p> <p>रचनात्मक लेखन- चित्र वर्णन और संवाद लेखन</p>	
5	फरवरी			<p>पूर्ण पाठ्यक्रम अपठित काव्यांश और गद्यांश</p> <p>व्याकरण- शब्द और पद, अनुस्वार, अनुनासिक, उपसर्ग- प्रत्यय, स्वर संधि, अर्थ</p>

की दृष्टि से वाक्य के भेद
और विराम चिह्न
स्पर्श- कविता- रैदास के
पद, रहीम के दोहे, गीत-
अगीत, अग्निपथ, नए
इलाके में, खुशबू रचते है
हाथ

पाठ-

दुख का अधिकार,
एवरेस्ट : मेरी शिखर
यात्रा, तुम कब जाओगे
अतिथि, वैज्ञानिक चेतना
के वाहक- चन्द्रशेखर
वेंकट रामन, कीचड़ का
काव्य, शूक्रतारे के समान
पूरक पुस्तक- गिल्लू,
स्मृति, कल्लू कुम्हार की
रचनात्मक लेखन- चित्र
वर्णन, संवाद लेखन,
अनौपचारिक पत्र लेखन,
अनुच्छेद लेखन