<u>Parent Syllabus</u> <u>Co-Scholastic Skill Club Class VIII 2025-2026</u>

Month	Al Club	Travel and Tourism	Design Thinking & Innovation	Handicrafts	Food & Baking	Mask Making	Aerobics	Western Band	Medical Science & First Aid	Quiz Activity	Astronomy Club	Mass Media	Digital Citizenship	Herbal Heritage
April & May	Introduction to Artificial Intelligence What is AI? History and evolution of AI Examples of AI in daily life (e.g., voice assistants, recommenda tion systems) Introduction to Neural Networks What are artificial neural networks? How do neural networks mimic the human brain? Basic structure of a neural network (layers, neurons, activation functions) QUIZ	Introduction to Red Fort Purpose of Construction Influence of Mughal Architectural Features of Red Fort Key Structures Inside the Fort Mughal Gardens and Water Systems Historical Significance and Events	Review and discussion on- the innovations and designs students created in the previous year Introduction to the concepts/ terms of: a)Design Thinking process b) Innovation Topic title: Introduction to Elements for Design and story-creation -Create 3D expressive Characters using basic shapes/ forms of the elements of design - create and write a short Story or a Poem with the Basic Design Elements - Presentation of 3D Models of the Characters + the Scenario/Stor y setting - Write-up of the Story or Poem + Visual of the Sketch/Illustra tion	Introduction to Craft club- Explaining about activity and time duration, rules, financial literacy, value addition to production, neatness and smart presentation of the product -Terracotta jewellery- 2 product -Showing Videos on terracotta jewelleay- 2 periods -Terracotta jewellery earring with design and beads- 6 periods -Terracotta jewellery necklace with different style and types- 4 Period	Topic: Table set-up, napkin folding, street food of India Subtopic : Bhel Puri -Vada Paav -Aloo Tikki Chaat -Cookies -Dahi Bhalla -Cucumber salad Topic: Around the world -Subtopic: Sweet Corn Chaat/ Fruit Chaat/ -Cup Cake -Healthy Sandwich Each child will be able to:- Analyse the different types of street foods in Indiamake a variety of street foods learn about the components and ingredients used in making thestreet food/cookies.	Introduction - state of Sikkim Preparatio n of material Creating a Yak Cham mask Discussion on various steps of creating mask and its use by the dancers	Introduction to Basic concepts of Contempor ary Dance. (Students will be able to understand the basics and musicality to perform Contempor ary dance.)	 Learning "Believer song by Imagine Dragons and Count on me by Bruno Mars" Ability to analyze and understand the dynamics of musical themes Performing skills – expressively through appropriate dynamics & feet. Application of skills on showmanship and coordination with orchestra Appropriate interpretation. Independently express showmanship and composing different themes and songs with improvisations. Applying theoretical knowledge and ability to perform solo and with the group. 	 Introduction Basic human physiology What is first aid? Logo and Preparation of First-aid box Stethoscope BP machine Oximeter Nebuliser Demonstration & usage First aid Emergency management Cough and cold Nose bleeding Electric shock First aid Emergency management 	Newspaper Reading Mock Quiz Heritage Topics Mock Quiz		1. Mass media definition •Functions of mass media •Types of mass media •Characteristics of mass media •Advantages and disadvantages of mass media •Models of communication 2.Basics of media literacy •Media effect theories •11 stages of media literacy competencies, Introduction to holding cameras, parts of a camera 4.Composition in photography	Topic: : Welcome to digital citizenship Subtopics: Right to equality Right to freedom Right against exploitation Right to freedom of religion Cultural and educational rights Right to constitutional remedies Digital Citizenship Topic: Accessing Safe and Secure Website Subtopics: Digital footprint' and cookies Website safety Decoding domain extensions Digital footprint	- Introduction to our rich herbal heritage - Classification of Stem Modification - Introduction through story - Introduction to turmeric - Uses and importance of turmeric - Let us grow turmeric - Turmeric plant care - Plantation drive

Spot fake URLS
Asthma Suffocation Toothache Vomiting
-prepare some interesting international dishes

July	Artificial Intelligence :- Exploring Innovations and Societal Sustainabili ty Explore Al Tools Presentatio n Drawing-Au todraw 3D Movie Making	Preservation and Conservation Role of ASI (Archaeological Survey of India) Restoration and Maintenance Efforts Challenges in Preservation Public Awareness and Heritage Conservation Initiatives Educational trip to the Red Fort, where students will take on the role of guides. Interactive Engagement: Reflection, Discussions, and Photography Task	Shark Tank India Session Topic- Assets and Liabilities -Pitch a business idea considering assets, liabilities, and market potentialCreate a "Balance Sheet Challenge" where students classify given items into assets or liabilities.	Paper mache Jewellery- Explaining how to make useful and attractive craft products based on recyclable materials and environment friendly common tools and equipment required for making different craft products. Best out of waste- Earring necklace	Topic: Summer delights and breakfast cooking Subtopic: -Cucumber Boat / Roll ups -Watermaleon Shake -Hung Curd Sandwich -Brownie -Aam Pana -Jal Jeera -Coconut dessert -Chia milk lassi -Mango drink Each child will be able to: 1) prepare some interesting dishes to beat the heat. 2) gather some insigntful information on different dishes		Introducti on to Basic concepts of Break Dance (Top rocks, Down rocks, Stunts & Freezes). (Students will be able to understan d the flow and smoothne ss to perform on music.)	 Learning "Pirates of the Caribbean Theme Music and Conquest of Paradise" Ability to analyze and understand the dynamics of musical themes Performing skills – expressively through appropriate dynamics & feet. Application of skills on showmanship and coordination with orchestra Appropriate interpretation. Independently express showmanship and composing different themes and songs with improvisations. Applying theoretical knowledge and ability to perform solo and with the group. 	 First aid Emergency management Menstrual cramps Hiccups Diarrhoea Choking Ant, dog and snake bite 		- Orientation to SPACE Astronomy Club: Module 1 - Comets and Asteroids: The Space Rocks - Sun: Our daytime star - Solar Observation: Safe Viewing Techniques - Astronomer's Tools (Club Kit)	1.Guidelines to Understand Media Messages: 'SOLAADS' Seven-Point Mode Subject – Story narrative Organization Location Applications Source 2.Holy trinity in photography-exposure triangle	Topic: Introduction to Cyberbullying and Ethical Behaviour Subtopics: Bullying and cyberbullying The meaning and implication of the word 'Bullying 'Potential victims of Cyber bullying DO'S and DON'T'S of being a victim of cyberbullying Case studies	
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Septembe	Data:	Sustainability	Presentation of	Introduction-P	Subtopic: Around	Preparati	• Learning		Astrophotos	Colour	Fear of	
r	The ability	Efforts	the	revious month		on of	Learning"Faded by Alan	• Wounds &	-Astrophotog raphy Level		Missing	
'	of	Historical and	self-designed	subject will	uno wond	Aerobics	Walker"		1: An	theory in	Out (FOMO)	
	machines	Cultural	product/ service/	continue.	1-oats energy balls	Choreogr	- Ability to	Bleeding	Introduction	Photography	and Your	
	to learn	Significance	idea (As a	Continue.	2-carrot cake	aphy	analyze and	(contd.)	to DSLR	Camera	Mental Health	
	to learn	Role in	,		3- fruit corner	(using	understand the	(conta.)	Camera	angles	Behaviour	
		Promoting	group)		4- Masala papad	different	dynamics of		Calliela	 Creation of 	Subtopics:	
		Peace and	Foob group		chaat		musical themes		- Astrophotogr	ETM	• The culture	
		Secularism	Each group finalizes their		5- Chia pudding	Props). [Students	musical themes		Astrophotogr	BOOKLET	of	
		Preservation			0.14: 11	will be	Loorning		aphy Level		social media	
			idea, prototype,		6- Mini burgers		• Learning		1: Working	BASE		
		and	and		7 14: .	able to	"Shape of You by		on a DSLR		posting	
		Conservation	presentation.		7- Mini summer	understan	Ed Sheeran"		Camera		and photo	
		Challenges	They prepare a		sandwiches	0	- Ability to		-Rocket		sharing	
		Sustainable	5-7 minute pitch		0.0.11	how the	analyze and		Science		• Their	
		Practices in	covering: •		8- Pudding	Choreogr	understand the		Level 1:		personal	
		Temple	Problem they			aphy was	dynamics of		Basics of		habits	
		Management	are solving ●			made by	musical themes		Rocketry		regarding	
		Role of ASI	How their		ما النب امانام مام ما	combining			-		screen time	
		Public	product/service		Each child will be	all the	Performing		Construction		and	
		Awareness and	is unique ●		able to:	Aerobics	skills – expressively		of Hydro		social media	
		Heritage	Business model		4)	steps	through appropriate		Rockets		usage	
		Conservation	and scalability •		1) prepare some	using	dynamics & feet.					
		Initiatives	SWOT analysis		interesting healthy	props	- Application					
		Educational	of their idea ●		dishes.	(Stepper,	of skills on					
		Programs and	(Optional)		0)	Pom	showmanship and					
		Guided Tours	Market research		2) make some	Pom,	coordination with					
		Educational Trip			exotic sweet	Lezim,	orchestra					
		to the Lotus	presents in one		dishes.	Hula						
		Temple	of the following			Hoops	 Appropriate 					
		(Student Guide	formats: Pitch			etc.).]	interpretation.					
		Activity)	Presentation									
		Pre-Trip	(like Shark				•					
		Research and	Tank) – A				Independently					
		Preparation	persuasive talk				express					
		On-Site Student					showmanship and					
		Presentations	Prototype				composing different					
		(Acting as	Demonstration –				themes and songs					
		Guides)	Physical or				with improvisations.					
		Interactive	digital prototype				- Applying					
		Engagement:	showcase.				theoretical					
		Reflection,	Role-Play				knowledge and					
		Discussions,	Advertisement –				ability to perform					
		and	A creative way				solo and with the					
		Photography	to sell their				group.					
		Task	product/service.									
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October	How Computers Learn: The Basics? Data and its importance in learning Training a model with data Testing and improving models Simple, hands-on projects (like sorting animals or colors) Computer Vision What is computer vision and how does it work? Image recognition and classification Application s in real life (e.g., face recognition, self-driving cars) Robotics and Al What is robotics and how Al is used in robots? Basic concepts in robot learning and control	India Gate Introduction to India Gate Overview and Location Historical Significance (Honoring Fallen Soldiers) Unique Features of India Gate Builder and Time Period Purpose of Construction Symbol of Sacrifice, Valor, and Patriotism Role in National Identity and Military Heritage Influence of Colonial Architecture Architectural Features of India Gate Surrounding Landscape and Water Features Historical and Cultural Significance	SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis -Students select a real-world startup and conduct a SWOT analysis to understand its innovation potential. Compare multiple startups and predict their future success or failure based on SWOT insights. Product Development SWOT Challenge • • Students design a new product (app, service, or invention). • Use SWOT to assess its market fit and potential risks before moving to prototyping.	Introduction-P revious month subject will continue.	Subtopic: Festivity 1-Idli platter 2-Mojito 3-muffins 4-bombay sandwich 5-choco lava cake 6-cookies 7-pasta chaat 8-mango with cream 9- Laddoos 10- Peda SkillsLeadership -Creative -Bodily Kinaesthetic - co-operative Each child will be able to: 1) prepare some dishes to enjoy the festive season. 2) list some interesting options for baking as well as flameless cooking.	Preparati on for SENIOR ATHLETI C MEET (Combinin g Contemp orary, break dance and Aerobics). (Students will be able to understan d how different styles were fused with Aerobics.)	Learning "Demons by Imagine Dragons" Ability to analyze and understand the dynamics of musical themes Learning "Mexican Shuffle by Herb Alpert and Wheels by Billy Vaughn" Ability to analyze and understand the dynamics of musical themes Performing skills – expressively through appropriate dynamics & feet. Application of skills on showmanship and coordination with orchestra Appropriate interpretation. Independently express showmanship and composing different themes and songs with improvisations. Applying theoretical knowledge and ability to perform solo and with the group.	•Immunity and Vaccination History of Vaccines-Importance and usage Age-Appropriate Vaccination Schedule Special vaccines in case of animal bite like dog bite etc.		- Launching of Hydro rockets - Stellarium: A Sky Simulation Software	Basics of writing in media	
	robot						угоир.					

December	PROJECT WORK Design Chatbot	Introduction to Rashtrapati Bhawan Purpose of	Design a Toy -Write down different names	Introduction- Feather Jewellery.	Christmas and break time 1) Cup Cake	 S	Technical Rehearsal s (fine tuning	 Learning "Harry Potter Theme and Godfather Theme" 	●Effects of Heat / Effects of Cold	Astronomy Day	Basics of Video Processing	
	/Computer Vision/ Language Translator	Construction Influence of British Colonial and Indian Architecture	for Toys in our culture -Write down the characteristics that make an		2) oatmeal berries smoothie 3) bread cake 4) chocolate biscuit pops 5) pizza platter	C	overall performan ce using Props) for SENIOR	- Ability to analyze and understand the dynamics of musical themes	-Sun burn -Heat stroke/		ShootVideo editing software	
		Architectural Features of Rashtrapati Bhawan Key Sections Inside the Rashtrapati	object into a toy -discuss principles of motion and how it could be used to make objects move, wobble,		6) mini cheese cake 7) biscuit cake 8) Christmas Santa crackers (appetiser) Each child will be		ATHLETI C MEET. (Students will be able to confidentl	 Performing skills – expressively through appropriate dynamics & feet. Application of skills on 	Sun stroke -Frost bite, cracked skin			
		Bhawan Mughal Gardens and Water Systems Historical Significance and Events	rotate, spin, swing, go up and down, etc. -Sketch different ideas to use these principles for making an innovative toy.		able to: 1) prepare some interesting christmas dishes and make it memorable.	t	present themselve s.)	showmanship and coordination with orchestra • Appropriate interpretation.				
			(Each member of the group ideates and sketches 3 to 4 alternatives of toy possibilities) - Make use of sustainable		2) prepare items that are sweet and healthy which can be taken by all age groups.			Independently express showmanship and composing different themes and songs with improvisations Applying theoretical				
			materials in the design of these Toys					knowledge and ability to perform solo and with the group.				

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January	PROJECT WORK Design Chatbot /Computer Vision/ Language Translator	Preservation and Conservation Role of ASI Restoration and Maintenance Efforts Challenges in Preservation (Security, Environmental Factors, Tourism) Public Awareness and Heritage Conservation Initiatives Educational Trip to Rashtrapati Bhawan, where students will take on the role of guides	Sustainable Fashion Show What is fashion? How can it be made sustainable? Group Work- The students brainstorm creative upcycling solutions using the SCAMPER technique. Sketch initial concepts and select materials based on sustainability principles. Develop user personas and consider the needs of eco-conscious consumersConstruct fashion pieces using recycled, upcycled, or biodegradable materials.	Introduction- Stenciling Create beautiful craft work using stencil technique, and make attractive design products.	Subtopic: Winter delights 1) Healthy burger 2) healthy street food 3) hot chocolate 4) coffee 5) paneer and vegie wrap 6) stuffed bell peppers Each child will be able to: 1) prepare some interesting dishes to beat the cold. 2) list some interesting options for flameless yet tasty food.	Preparati on for S.A. Presentati on using New Choreography (Contemporary, Break Dance & Stunts). (Students will be able to confidently present themselve s.)	 Learning "Bohemian Rhapsody by Queen" Ability to analyze and understand the dynamics of musical themes Learning "Bella Ciao by La Casa De Papel" Ability to analyze and understand the dynamics of musical themes Performing skills – expressively through appropriate dynamics & feet. Application of skills on showmanship and coordination with orchestra Appropriate interpretation. Independently express showmanship and composing different themes and songs with improvisations. Applying theoretical knowledge and ability to perform solo and with the group. 	Transportation of injured causalities -Wheelchair - Preparation of stretcher		 Photo walk Photo walk images Review Creation of ETM BOOKLET BASE Creating Poster 	

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February	Presentations	Presentation of	Introduction-P	Competition month	Preparati	 Learning 			 Photo walk 		
	(Acting as	the	revious month	on given themes by	on for	"Bohemian	 Transportation 		 Photo walk 		
	Guides)	self-designed	subject will	students to each	S.A.	Rhapsody by	of injured		images		
	Interactive	product/ service/	continue	other	Presentati	Queen"	causalities		_		
	Engagement:	idea (As a			on using	- Ability to			Review		
	Reflection,	group)			New	analyze and	-Wheelchair		 Creation of 		
	Discussions,	J. 5 3 P /			Choreogr	understand the	-vviidelonali		ETM		
	and				aphy	dynamics of	- Preparation of		BOOKLET		
	Photography	Each group			(Contemp	musical themes			BASE		
	Task	finalizes their			orary,		stretcher		Creating		
	Taok	idea, prototype,			Break	Learning			_		
		and			Dance &	"Bella Ciao by La	(contd.)		Poster		
		presentation.			Stunts).	Casa De Papel"					
		They prepare a			(Students	- Ability to					
		5-7 minute pitch			will be	analyze and					
		covering: •			able to	understand the					
		Problem they			confident	dynamics of					
					Comidenti						
		are solving •			y propert	musical themes					
		How their			present	Dourformain a					
		product/service			themselve						
		is unique ●			s.)	skills – expressively					
		Business model				through appropriate					
		and scalability •				dynamics & feet.					
		SWOT analysis				- Application					
		of their idea ●				of skills on					
		(Optional)				showmanship and					
		Market research				coordination with					
		data Each group				orchestra					
		presents in one									
		of the following				 Appropriate 					
		formats: Pitch				interpretation.					
		Presentation									
		(like Shark				•					
		Tank) – A				Independently					
		persuasive talk				express					
		with visuals.				showmanship and					
						composing different					
		Prototype				themes and songs					
		Demonstration –				with improvisations.					
		Physical or				- Applying					
		digital prototype				theoretical					
		showcase.				knowledge and					
		Role-Play				ability to perform					
		Advertisement –				solo and with the					
		A creative way				group.					
		to sell their				5 - 1					
		product/service.									

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