



TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR
CO-SCHOLASTIC SYLLABUS - CLASSES VI-VIII
SESSION 2019-20

CLUB ACTIVITIES (PART I)									
MONTH	CRAFT SHRISHTI	MENU PLANNING CHEF-O- MANIA	QUIZ & DEBATE QUIZZATOR S	SCIENCE ASTRONOMY KRITIKA	IQF, ECO CLUB GREEN TEEN	ELECTRONIC S E-TRACERS	MATH CLUB	COMPUTER TECHWIZ	AWIM
Apr.-May	Elements of art and design Exploring patterns, textures, values through different medias Creating both tactile and visual texture (Using diversity art forms)	Introduction to the club, rules and regulations, precautions to be followed in the lab Cutting of vegetables Mocktails Introduction to cutlery and crockery	Briefing and introduction to the club. Division of the club into groups. Conducting a quiz on diverse physical and political features of India. Conducting a quiz on ICT	Introduction to Space Astronomy Club Astronomer's Tools Elections for Club Head <u>VIRASAT--</u> Quiz competition (individual) Based on Contribution of Indian Astronomers	- Design a pamphlet on the topic "Impact of climate change in India" (Earth Day celebrations) -Watch the video 'Reduce, reuse and recyle' Share information on waste management in India 1) how to reduce solid waste, 2) reuse items to prevent solid waste, 3) recycle to save energy. Best out of Waste: The students will	Familiarization with aspects of club Safety precautions to be followed in the lab. Different websites to be shown. Discussion on selection of projects to be done	Diverse ways of calculating faster Base 10 system for addition and multiplication Table of 9 on your fingers Tables from 12 to 19 Vedic math • Multiply 2 digit no x 2 digit Number by vedic	Introduction to Camera Controls and Tripod Handling Aperture and Shutter Speed to understand how to take better pictures. Video Recording Tips Windows Movie Maker Importing pictures Importing videos (wmv, and avi) Story Board Time Line Splitting video in clips Sound adjustments Adding sound to movie Transition effects	Introduction about AWIM Brief history and achievements of our school Introduction to Website of SAE India All about jettoy, its material, basic principle involved. Friction, air resistance, jet propulsion, acceleration, mass, COG, COM, Inertia, Newton's

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					make useful items from scrap/left over material. Displaying Peace Mottos of each class Recycled Paper Making		method • Multiply 3 digit no x 3 digit • Number by vedic method • Multiply by 11 • Squares of numbers end in 5	Video effects Adding titles and credits Adding text to movie Animating text Exporting movie to provide cross platform viewing Saving movie in various formats	
July	Medieval and Gothic art Exploring stained glass paintings	Aloo chaat Papri chaat Gol gappe Bhel puri	Introduction to Debates. Training of students on how to speak in public.	Understanding Comets, Asteroids and Space Rocks A Grid In The Sky, Celestial Coordinate System Creating A Sky Map Collection of newspaper cuttings related	Diversity in Ecological forms (trees/ shrubs/ bushes) around you Talk with a horticulturist. Diverse ways of recycling plastic Documentary on five R's Earth Day- presentation by	Project to be made in lab Series connection Parallel connection Combination connection Quiz for assessment	Visual art meets math: Origamy Seven pieces many faces Tangrams Pi day celebrations Golden ratio in nature	Audacity (Sound editing software to edit music, voice, wav, mp3 or other audio files) Edit and enhance audio of any kind Reduce noise, split tracks and add Audio effects which include amplify, normalize, equalizer, envelope, reverb, echo and reverse	Principle of various nozzles. Theory behind using different nozzles. Parts of jet toy Terminology. Axles, bearings, wheels and its purpose and alignment. Basic of cutting

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				to Astronomy and making a folder of it. Selection for speech in the assembly Astronomy board articles	the students - Plant one Herb from the in a Pot Share information on the medicinal value of the herb Making leaf masks with paintings of symbols on Peace Recycled Paper Making Visit to Paryavaran Bhawan (diverse ways of conserving environment).			Adobe Premier : Introduction to Premier Pro : Menu bar Toolbar Importing Still Images and Modifying Them Scale to Frame Size Change the Still Default Duration Import Image Sequence Automate to Sequence Animate Still Images	and folding. Effect of masking, usage of tape. Start of Toy making.
Aug	Medieval and Gothic art Exploring stained glass	Vegetable sandwich Coleslaw sandwich	<ul style="list-style-type: none"> Quiz on the various festivals of India. 	Astrophotography-Introduction To Dslr-Camera Astrophotograph	Stick weaving - Blindfold tree exploring	Preparation for display of projects	Magic squares 3x3 magic squares	Adobe Premier Editing and Mixing Audio: Setting up the	Discussion on presentation, aesthetic car. Input from

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	paintings(Contd)	Besan toast Paneer/tofu sandwich Beany sandwich		y Working Of Dslr- Camera Directions In Day Time – Finding Cardinal Directions. Video related to Sun and Moon Project Paridhi-- Measuring Earth Circumference. Make a collage on diverse telescopes used in India	- Make a bird House/Talk about sparrows in Delhi. Diverse ways of using biodegradable trash- manure, biogas, vermi- composting, compost pits.		4x4 magic squares	interface to work with audio Examining audio characteristics Adjusting audio volume Creating a split edit Adjusting audio levels in a sequence Sweetening Sound: Sweetening sound with audio effects Adjusting EQ(Tonal Equalization) Applying effects in the Audio Mixer Cleaning up noisy audio Creating Titles An overview of the Tilter window Video typography essentials Creating titles	students on presentation and aesthetic car. Implementation of ideas. Presentation by students. Work on aesthetic car.

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								Stylizing text Making text roll and crawl.	
Sep.	Decoupage Designing coasters and mugs Inspiration artist- Jamini Roy	<ul style="list-style-type: none"> • Spiced Indian cake balls) Roti ladoo • Suji ka halwa 	<ul style="list-style-type: none"> • Speech on ancient languages around the world. 	Stellarium—A Sky Simulation Software Quiz based on Astronomy		Checking and testing of projects Preparing for exhibition	Calendar is fun	Adobe Premier Adding Video Effects: Working with effects Key framing effects Effects presets Blur and sharpen effects Color Grading Compositing with Ultra Key Color correction Exploring Compositing Techniques Working with the Opacity effect Working with alpha-channel transparencies Using mattes	Quiz among different groups for evaluation. Interactive session and doubt clearing. Start with preparation for regionals comp.

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Oct	Decoupage Designing coasters and mugs Inspiration artist- Jamini Roy(Contd.)	Besan ki burfi / ladoo Coconut khoya ladoo	<ul style="list-style-type: none"> Speech on how to strengthen our roots against the influence of western culture. 	Sun our day time star Poster making competition for World Space Week	Signature Campaign to maintain Sanitation Slogan March to the nearest slum to spread awareness about hygiene	Preparing a game based on learning Assessment based on game	Marvels of geometry box Geometrical designs around us (on floor , textile printing, monuments, folk art) Floor designs Rangometry Fractals	Adobe After effects Introduction to After Effects : Menu bar Toolbar Panels & Frames Import possibilities Organizing footage Setting new composition Project Setting Simple effects	Preparation for regionals Track events Presentation
Nov	Designing Totem poles Inspiration from artist Pablo Picasso	Three bean salad Waldrof salad Russian salad Macroni salad	Quiz on Constitution Day. Training on how to be a good interjector.	Safe solar observations Basics of rocketry & construction of rockets	Awareness session on diversity in return gifts (plants, seed pencils) Planet Protectors Create Less Waste In the	Understanding and reading the value of carbon resistor Soldering of components	Math and architecture Our school Heritage Dream school Dream home	Adobe After Effects Layers and Properties Layer Creation Managing layers Layer Styles and Blending modes 3D Layers	Preparation for regionals Track events Presentation

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					First Place (activity)How to keep an old jelly jar out of the trash .Make bookmarks out of old calendar pictures cut into strips		A classroom		
Dec	Designing Totem poles Inspiration from artist Pablo Picasso(Contd.)	Triple layer pudding Cup cake dressing Competition	• Parliamenta ry Debate – Social Networking	Orientation to night sky. Real time night sky observation (constellation watch) night sky through maps and planisphere (planisphere reading) / overnight camp (tentative)	Suggest ways: How to pack a waste free lunch Follow that trail: students follow the trail through a maze, a rebus, and other fun activities to find out where bottles and cans go after they are recycled, and other facts about resource conservation. Collect information on	Presentations in form of movie skit etc on new innovations or science related topics	Well known mathematici ans Shakuntala devi (an interview), Gauss (an anecdote) , Pascal (pascal triangle), Fibonacci sequence National Mathematics Day 22.12.2019	Students will compile the movie they have been working on for INTACH and will do the sound and video editing using the software's been done during the session	To make a working model of any vehicle(land, water/air) with waste/added materials

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					various landfills		Tessellations		
Jan –Feb 2020	Man and Nature Australian Aborigines dot paintings Elements of art line, colour, shape and textures.	Curd rice Lemon rice Fried rice	<ul style="list-style-type: none"> • Quiz on Demographic Diversity • Feedback time. 	Astronomy Day Preparation. Astronomy Day celebrations.	Diverse Trash Cans- uses. Why separate trash, Who separates it and Where do you separate it?	Continue with December activity Quiz	Cross word Make a cross word using mathematical vocabulary or Design a board game Quizzes and puzzles News letter	Wondershare Filmora Introduction to Interface Basic Editing : Video Audio Text Adding Titles and Credits Additional Features : Filters and Overlays Color Tuning Pan Zoom Speed Effect Instant Cutter Voice Stabilizer	Transportation Science Fair Projects

CLUB ACTIVITIES (PART II)

MONTH	HERITAGE DHAROHAR	CONTEMPORARY DANCE	MUSIC CLUB SWARANJALI	WESTERN MUSIC	STEAM	CLAY MODELLING	TAEKWON DO
Apr.-May	Intangible Heritage Leaders Of The	Introduction to Basic concepts of	Raag- Malkosh-Lagirey lagi.	Music – Introduction of Scales	Introduction Robotics. & IoT	Introduction to Clay sculpting.	Knowledge of

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	<p>Past Natural Diversity</p> <p>Herbs and Exotic plants</p> <p>Natural Herbs found in different regions of India</p>	<p>Jazz Pirouettes, Pencil turns, Step ball change, kick ball change etc</p>		<p>from C to B (all Major and Minors)</p> <p>Playing keyboard/ Guitar using correct fingers</p> <p>Ode to Joy / Aura Lee</p>	<p>Explanation of the Components given in the kit.</p> <p>Introduction to 3D Printer 3D Design and Slicing</p>	<p>Study of human body limbs from (i) Eye (ii) Nose (iii) Lips (iv) Foot (v) Hand</p> <p><u>Skills :-</u> Listening Observation, Motor</p>	<p>taekwondo & poomsae pattern</p>
July	<p>Archaeological Diversity</p> <p>Heritage Monuments and Archaeological sites in India</p>	<p>Introduction to Contemporary Dance. Concepts of jumps and lifts and routines in contemporary form.</p>	<p>Bhajan-Guru nanak-Ram sumiro.</p>	<p>Music – Introduction of Sheet Music and how to read music in Sheet</p> <p>1. Notes 2. Signs 3. Dynamics</p> <p>Music- Lightly Row</p>	<p>Basic Circuit Design Getting Started with circuit design using tinker cad</p> <p>Microcontroller Board</p> <p>Getting Started with coding</p>	<p>How to sculpt human figures</p> <p><u>Skills :-</u> Creativity Motor skills Observation Improvisation</p>	<p>Kicking</p> <p>1. Ap chagi 2. Dolyo chagi 3. nero chagi 4. bandal chagi 5. bakka bandal chagi</p>
Aug	<p>Natural Diversity: Forests and Wildlife</p> <p>*Survey on the wildlife sanctuaries and National parks in different States of India</p>	<p>Introduction of hip hop Concepts of freestyling and improvisation with moonwalks, sidwalks and gliding.</p>	<p>Desh bhakti geet- Kadam kadam.</p>	<p>Music – Introduction to Musical Intervals (Melodic and Harmonic)</p> <p>Au Claire De la Lune (Melodic using 1st, 2nd & 3rd, 4th)</p> <p>Good King</p>	<p>Interfacing Mblock with Arduino</p> <p>Implementation of Seven Segment display unit using MBlock</p>	<p>Additive relief sculpting</p> <p>First make a layout or sketch of design in geometrical or creative forms on paper</p> <p><u>Skills</u></p>	<p>Poomsae. Color belt syllabus</p> <p>1.(il-jang) 2.(e – jang)</p>

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	Discussion on endangered species of plants and animals in India			Wenceslas(Melodic using 4 th &5 th) Harmonica Rock-Harmonics using 2 nd &3 rd Jingle Bells -Harmonics using 4 th &5 th		Creativity Improvisation Motor skills Visualization	
Sep.	Cultural Diversity Art Forms	Commercial hip hop with basic routines in the dance form	Sufi song-Chaap tilak.	Music – Chords for both hands C Major chord Left and Right hand Introduction of B for Left hand Song – Brother John Here's a happy Song	Introduction to Sensors Introduction to Sensors part 2	Sculpture by Oberhauser: Diversity The central artistic theme and Summary of the award-winning sculpture design <i>Diversity</i> <u>Skills</u> Creativity Motor skills	3.nero chagi 4.bandal chagi 5.bakka bandal chagi 6.full round dolyo chgi

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Oct.		Introducing B-boying. Concepts of toprock, floorwork, freezes and power moves	Sufi song- Chaap tilak.	Music – How to play Melody with Left hand and chords for Right hand And introduction of B for right hand and left hand	<ul style="list-style-type: none"> • Introduction to sensor part 3 • Electronic Motors components • Design of Self balancing Car 	Summary of Sculpture <i>Diversity</i> <u>Skills</u> Creativity Motor skills	Bandal chagi 5.bakka bandal chagi 6.full round dolyo chagi 7.plamber dolyo chagi 8.divya ap chagi
Nov.	Musical Diversity Classical and folk music of India An interactive session with the school dance teacher Musical Instruments	B-boying continued with routines and introduction to locking and popping.	Tagore song- Bipul tarang rey.	Music – Introduction to Waltz Rhythm or 3/4 time <i>Signature</i> . Music – Slurs and Ties Introduction Of A for left hand and F Major Chord Vice Versa for Both Hands Song –What can I share & When the Saints (<i>Both hands</i>) I'm Gonna Lay my Burden Down	<ul style="list-style-type: none"> • Visualizing Physics with 3D printer. • Design & implementation of Balloon car 	Using different mediums Diversity-themed butter sculpture unveiled at the Pa. Farm Show <u>Skills:-</u> Motor skills Team work Observation Retention	Poomsae. Color belt syllabus 1.(il- jang) 2.(e – jang) 3.(sam – jang) 4.(saa – jang) 5.(o – jang)
Dec.	Linguistic Diversity:	Introduction to tutting and	Folk song- Kesariya balam.	Song - Christmas Song	<ul style="list-style-type: none"> • Design of Humanoid 	Head Study (animals & birds)	Hands movements

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	Languages, dialect and scripts	krumping. Teaching routines with all the styles.		Silent Night We Wish you (<i>Instrumental Group</i>)	Robot <ul style="list-style-type: none"> • Practical Project design • Hardware projects 	(i) Sketching of animals and birds head from nature. (ii) Animals and head study in clay.	in defensive way (hand block)
Jan/Feb	Intangible Heritage Folk tales-related to life/legends/histories of some important people/personalities in India- Narration and enactment by the students	Introduction to ballet. Basic concepts	Vandana- Deep jyoti.	Revision	<ul style="list-style-type: none"> • Introduction to fusion 360 • Introduction to Aerodynamics -UAV 	Bas Relief Clay Sculpting) Make the human figure in composition A French term from the Italian basso-relievo ("low relief"), <i>bas-relief</i> (pronounced bah ree. · leef) is a <i>sculpture</i> technique in which figures and/or other design elements are just barely more prominent than the (overall flat) background. <u>Skills:-</u> Improvisation Creativity Motor skills	Hands movements in defensive way (hand block) Hands movements in attacking way (hand punch)