



**TAGORE INTERNATIONAL SCHOOL
EAST OF KAILASH, NEW DELHI**

PARENT SYLLABUS

PERFORMING ARTS & WORK-EXPERIENCE

CLASS VIII 2023 -2024

MONTH	VOCAL MUSIC	INSTRUMENTAL MUSIC	DANCE	VISUAL ARTS	नाट्य मंच	COMPUTERS- WORK EXPERIENCE
July	<p>Classical and Non Classical Music.</p> <ul style="list-style-type: none"> • Alankars <p># Analyzing notes</p> <p>Patriotic Song: Ek Hai Hamari Aaj Rahein</p> <p># Vocal expression</p> <p>Taal: 2/2</p>	<ul style="list-style-type: none"> • Creating – movements, sound pictures / rhythmic patterns / melodic patterns • Innovating and creating own music by applying the taught concepts. • Music depicting movements / descriptive movement - Learning sound effects • Learning and playing Western Orchestral Composition with Indian Fusion of rhythm. • Understanding fusion music 	<p>'Tatkar' of kathak.</p> <ul style="list-style-type: none"> • All Basic movements with practice of 5, 3, 2 & 1 steps chakkars. • Last part of Tagore dance. • One patriotic dance in Kathak style: "Varat anokha raag hay". 	<p>Indian artist –</p> <p>Satish Gujral</p> <p>Elements of art</p>	<p>Theatre games for confidence and trust</p> <p>- Voice Modulation (आवाज़ का सही उतार चढ़ाव भाव सहित)</p> <p>-कहानी व कविता को भाव सहित नाटकीय ढंग से पढ़ना</p> <p>-(Reading of poetry and Story in Dramatic way)</p> <p>-Mono Acting with different topics</p>	<p>NodeMCU Programming</p> <p>Basic structure and commands</p> <p>Function and variables</p> <p>Conditional and controlled instructions</p> <p>Arithmetic and logical instructions</p> <p>Example program LED blinking</p> <p>Projects:</p> <p>Automatic Light System</p> <p>Circuit layout Designing</p> <p>Traffic Light Logic System</p> <p>Sensor Interfacing.</p> <p>Introduction of Sensors</p> <p>Applications of Sensors</p> <p>Type of Sensor</p> <p>IR Sensor</p> <p>Project: Object detection</p> <p>Communication systems</p> <p>Introduction to communication</p> <p>Wired and wireless</p> <p>Difference between serial and parallel communication</p> <p>Interfacing with node MCU</p> <p>Projects: Use of Wifi Module</p>
Aug	<p>Raag Bihaag: Aroha, Avaroha, Alaap,</p>	<ul style="list-style-type: none"> • Learning and playing Western Orchestral 	<ul style="list-style-type: none"> • Revision of earlier lesson. 	<p>Contd..</p> <p>With the same Topic-</p>	<p>-Theatre Exercise</p> <p>-Body Language</p>	<p>DHT Sensor Interfacing.</p> <p>Introduction of Sensors</p>

	<p>Swarmalika</p> <p>#Pitch</p> <p>Taal: Teentaal</p>	<p>Composition with Indian Fusion of rhythm.</p> <p>- Understanding fusion music</p>	<ul style="list-style-type: none"> • New “Chakradar toda”. • Last part of the patriotic dance in Kathak style: “Varat anokha raag hay”. • Folk dance of Odissa: “Sambalpur”. 	<p>Indian artist.</p>	<p>-Acting is not done just with dialogues; it's your entire body language</p> <p>-Play on Independence Day Rakshabandhan</p> <p>-Emotions from real life for acting</p>	<p>Applications of Sensors</p> <p>Programming with DHT Sensor</p> <p>Projects: Weather Monitoring Station</p> <p>Ultrasonic Sensor Interfacing.</p> <p>Introduction of Sensors</p> <p>Object detection</p> <p>Distance Calculation programming</p> <p>Projects: Distance measurement</p> <p>Blind Stick</p> <p>Major projects with Ultrasonic Sensor</p> <p>Projects: Reverse Parking System</p>
<p>Sept</p>	<p>Raag Bihaag: Dhruwad, deegun</p> <p># Following the Rhythm.</p> <p>Taal: Jhamptaal</p>	<ul style="list-style-type: none"> • Classification of Indian classical raags according to time - Understanding Hindustani classical music • Learning Patriotic Song Ek Hai Hamari Aaj Rahein. 	<ul style="list-style-type: none"> • Revision of previous class. • Last part of the folk dance of Odissa: “Sambalpur”. • Few “Samyukta Hasta mudras” with their use. 	<p>Camouflage:</p> <p>Sub topic –Nature</p>	<p>-Theatre game</p> <p>-Voice throw (समय के साथ आवाज़ को ऊँचा और नीचा करना)</p> <p>-Use of emotions while delivering a dialogue (केवल dialogues ही नहीं बोलना बल्कि भाव कैसे लाते हैं)</p> <p>-One Act Play</p>	<p>Motors and Actuators Interfacing.</p> <p>Introduction of motors.</p> <p>Applications of motors.</p> <p>Type of motors</p> <p>AC & DC Motors</p> <p>DC geared motors</p> <p>L293 D Motor driver</p> <p>Projects: Programming with Dc Gear motors</p> <p>Appliance control from mobile</p> <p>Theory of project</p> <p>Circuit</p> <p>Its applications</p> <p>Projects: Programming using wifi Module</p>
<p>Oct</p>	<p>Element Song: Mast Hawa Matwali Hawa</p> <p>Taal: Dadra and Kaharwa</p>	<ul style="list-style-type: none"> • Learning all chords i.e., Major & Minor chords • Chromatic Scales: - Scales with sharps Scales with flats • Illustration of major and their relative minor keys • Types of Chords: - Triad chord, Broken chords, 	<ul style="list-style-type: none"> • Revision of previous class. • New “Tihai” in kathak. • Classical composition of kathak on `durga stuti': “Aigiri nandini...” 	<p>Folk art of Odisha-</p> <p>Pattachitra- Traditional narrative scroll painting</p>	<p>Theatre exercise</p> <p>-Dialogue delivery</p> <p>-Play on Gandhi jayanti</p> <p>-Script reading with emotions (it's not a proper and Professional play).</p>	<p>Home security system with mobile notification</p> <p>Projects:Circuit Designing</p> <p>Programming</p> <p>Making Connections</p> <p>Processing to get visual output</p> <p>WI FI mobile controlled Robot</p> <p>Projects: Circuit Designing Kit Assembling</p>

		<p>Arpeggio, Principal chord, accidental chord, suspended chord, diminished, seventh chord etc.</p> <ul style="list-style-type: none"> • Learning and playing theme music of "Avengers" with chords. Application of western notes 				<p>Programming Making Connections</p>
Nov	<p>Unity Song: Ao Aaj Milkar Hum Banaye Aisa Jahan</p>	<p>Performing skills – expressively through appropriate dynamics & feet.</p> <ul style="list-style-type: none"> • Appropriate interpretation -Learning about showmanship • Learning English prayer song "make me a channel" 	<p>Revision of previous class. Last part of the 'durga stuti': "Aigiri nandini...". New "Paran" in Kathak. Introduction of a famous "Kathak" & a 'Satriya' dancer/artist.</p>	<p>Contd... Pattachitra of Odisha</p>	<p>-Theatre game -नौ रस How we can use नौ रस in our play -Realistic Play नौ रसों पर आधारित -एक ही वाक्य को अलग अलग रस में बोलने का तरीका</p>	<p>Why do we need to study AI? Classification of AI Application of AI AI Concepts, Terminology and Application Areas Difference AI and ML Working and Concept of AI Introduction to Python Why Python Installation of Python Application of Python Projects: • Python Installation • Getting started with Jupyter Notebook Introduction to IDE Introduction to Python IDE How IDE works Different types of Python IDE Introduction to Anaconda Introduction to Jupyter Notebook Projects: • 7 Types of Arithmetic Operation • Finding Natural Number • Swapping variables</p>

<p>Dec</p>	<p>Christmas Carol: We Three Kings, Joy to the World</p>	<ul style="list-style-type: none"> • Definition of Nadh, Shruti, Swar, Saptak, Raag, That, Taal etc. • Knowledge of Indian music personalities like Tansen & Guru Hari Das. Instrumentalist includes Pt. Ravi Shankar, Ustad Amjad Ali Khan & Ustad Zakir Hussain. - Acquiring information and revising about theoretical concepts and eminent musical personalities and their contributions. • Playing “Bharat humko jaan se pyara hai” with chords - Application of Fusion music 	<p>Revision of previous class.</p> <ul style="list-style-type: none"> · Recitation of “taal” in hand. · New “Ginti tihai”. · One folk dance ‘lavani’ 	<p>Topic- One point perspective drawing</p> <p>Sub topic: Cityscape</p>	<p>-Theatre exercise</p> <p>-Story telling exercises हास्य रस पर आधारित</p> <p>-Christmas पर आधारित नाटक</p>	<p>List and Tuples Sets Dictionaries Loops Functions Objects and Classes</p> <p>Projects: 1. Creating list, tuple, set, dictionary 2. Finding Leap Year Scientific Calculator</p> <p>Fundamental concepts in genetic algorithms How data, code conversion takes place Different types of Python libraries</p> <p>Projects: 1. Finding System Configuration 2. Sequence of Fibonacci 3. How python libraries work</p>
<p>Jan</p>	<p>Sadbhavna Geet: Gunja Gagan May</p> <p>Taal: Dadra.</p>	<ul style="list-style-type: none"> • Accurate pitch correction & blending - Sensing distinction among sound frequency • Learning and playing Western Orchestral Composition with Indian Fusion of rhythm. • Learning theme music of “Pirates of the Caribbean” <p>Application of western notes/music</p>	<p>Revision of previous class.</p> <ul style="list-style-type: none"> · Last part of the folk dance ‘lavani’. · Description of ‘Gharanas’ of kathak. 	<p>Poster making</p> <p>Sub topic: Vasudev Kutumbakam</p>	<p>-Theatre game</p> <p>-Situation based Act (स्थिति के अनुसार short scenes)</p> <p>-rules of Solo Acting</p> <p>-Real life पर आधारित नाटक</p>	<p>GUI with Libraries PySimpleGUI PySimpleGUIQt Tkinter Button Canvas Check Button Entry Frame Label List Box Menu Button Message Radio Button Scale Scroll Bar Text Top level</p> <p>Projects: Import Tkinter Create Demo GUI Hello from PySimpleGUI</p>

						<p>Function to define a button GUI simple Calculator</p> <p>Machine Learning and Its Types Supervised Learning Unsupervised Learning</p> <p>Projects: Supervised learning model Unsupervised learning model Cyber Crime Prevention with DL</p> <p>Projects: 1. Load Data 2. Exploratory Data Analysis 3. Train & Test Split 4. Training Model 5. Predicting the model</p>
Feb	Revision of songs	<ul style="list-style-type: none"> • Playing all patriotic songs • Playing all English theme music • Playing all Indian fusion orchestral compositions <p>Application of fusion music and blending western and Indian music/notes.</p>	<p>Revision of previous class.</p> <ul style="list-style-type: none"> · One 'kabitya' of kathak. · Theory part of rhythm. 	<p>Contd...</p> <p>Poster making on a given topic</p>	<p>Theatre game Nukkad natak (सामाजिक विषयों पर आधारित) नुक्कड़ नाटक करने का सही तरीका) performance</p>	<p>Medical Support Chatbot</p> <p>Projects: 1. Importing Libraries 2. Load Intents file 3. Perform Stemming 4. Cleaning User Input 5. Returning Bag of Words Array</p>

