

Session- 2019-20
Co-Scholastic Syllabus
Class X

Month	Computer	Robotics	Physical Education	Instrumental Music
April & May	C++ coding Introduction, main(), #include, cin and cout, if...else Basic Programs- <ul style="list-style-type: none"> • Area of triangle/rectangle/square • Finding Simple Interest • Finding roots of equation • Report card • Salary Statement • Date Validation 	Introduction to Robotics, Developments in Robotics, Robotics Principles Activities Exploring components of Arduino Sorting components Explore Programming LED and Buzzer Programs	RULES AND RUGULATIONS OF THE GAME Fundamental skills of the game #BALL HANDLING # PASSING, #TYPES OF PASSES #DRIBBLING, #TYPES OF DRIBBLING ,#TYPES OF SHOOTING #DEFFENSE #OFFENSE Fundamental skills of the game #BALL HANDLING # PASSING, #TYPES OF PASSES #DRIBBLING, #TYPES OF DRIBBLING ,#TYPES SHOOTING #DEFFENSE #OFFENSE	<ul style="list-style-type: none"> • Performing skills – expressively through appropriate dynamics & feet. • Appropriate interpretation • Learning Theme music of “Godfather”
July	C++ coding If..else revision, while loop, for loop, do..while <ul style="list-style-type: none"> • Accept an integer and display its factorial. • Display N terms of the Fibonacci series. • Display N terms of the series 1 4 9 ... • Display the first N terms of the series 	Sensors and Servos programming- Ultrasonic Sensor- Arduino Activities Create a project -smart bin	Fundamental skills of the game:- ##RULES & REGULATIONS OF THE GAME *STANCE *UNDERHAND PASS *OVERHEAD PASS *UNDER ARM SERVICE *UPPER HEAD SERVICE	<ul style="list-style-type: none"> • Creating – movements, sound pictures / rhythmic patterns / melodic patterns • Music depicting movements / descriptive movement • Learning and playing Western Orchestral Composition with Indian Fusion of rhythm.

	1 2 4 7 11		*ATTACKING (SPIKING) *BLOCKING	
August	<ul style="list-style-type: none"> • Blender (3D Modeling software) • Introduce the Blender interface • Basic navigation in view port • A brief idea about the various tabs, object interaction mode and menus below the 3D view port • User preference window • Selecting objects (border select, circle select, lasso select) • Duplicating objects • Selecting vertices, edges, faces in edit mode and editing objects Defining material to the object • Properties to color • Using bevel effect 	<p>Working with 3d printer</p> <p>Activities</p> <p>Explore the working of the 3d printer</p> <p>Design 3d model in sketchup</p> <p>Use 3d printer for designing 3d objects</p>	<p>#.RULES AND REGULATIONS OF THE GAME</p> <p>Fundamental skills of the game:-</p> <p>#. KICKING</p> <p># PASSING</p> <p># TACKLING</p> <p>#.DRIBBLE</p> <p>#.GOAL KEEPING</p> <p>#.FREE KICK</p> <p>#.THROW IN</p>	<ul style="list-style-type: none"> • History of Indian & Western Music • Knowledge of instruments, history of instruments, biographies of various maestros • Listening to music of Indian Rock Bands, Fusion Bands & various other groups • Discussing the facts about western music in India & eastern music in the world • Learning an Indo-Arabic fusion composition
September & October	<ul style="list-style-type: none"> • Adding text and • applying various font properties to it. • Applying color and texture to text • Adding a torus • Manipulating edges vertically and horizontally 	<p>Sensor programming- LDR- Arduino</p> <p>Activities</p> <p>Compile a Project to create a street model where LEDs illuminate in darkness</p>	<p>Fundamental skills of the game:-</p> <p>#. KICKING</p> <p># PASSING</p> <p># TACKLING</p> <p>#.DRIBBLE</p> <p>#.GOAL KEEPING</p> <p>#.FREE KICK</p> <p>#.THROW IN</p> <p>RULES AND RUGULATIONS OF THE GAME</p> <p>Fundamental skills of the game</p> <p># SERVICE</p> <p># THROWING AND CATCHING</p> <p>#ROTATION</p>	<ul style="list-style-type: none"> • Knowledge about Fusion Music • Playing all chords i.e. Major & minor chords • All Indian Taals & western rhythm beats including 6/8 • Learning percussion instruments like maracas, tambourine etc. Beats of Indian National Anthem, Vande Matram, We shall overcome/Hum Honge Kamyab, Sare Jahan Se Achcha etc. • Definitive words practical: - chords, notes, flat, sharp, scale, key, off beat, change of voice, style, tempo etc. • Learn to play various taals namely teentaal, keherwa, dadra, jhaptal, rupaktal, ektal & equivalent western rhythms. • Learning prayer song “u raise me up” • Learning to play Tagore Songs namely Anandaloke & Fule fule dhole dhole incorporated with western symphony

November	<ul style="list-style-type: none"> To move, rotate and scale objects in 3D view To Extrude Add background color and image to the world <p>Render an image.</p>	<p>Sim Card module- Arduino</p> <p>Activities</p> <p>Compile a Project to send SMS message through a safety band to authorities</p>	<p>#RULES AND RUGULATIONS OF THE GAME</p> <p>Fundamental skills of the game:-</p> <p>#SERVICE</p> <p>#TYPES OF SERVICE</p> <p>#TOSS AND DODGE</p> <p>#GRIP OF RACKET</p> <p># STROKES</p>	<ul style="list-style-type: none"> Performance skills includes: - 6) Stage performance 7) Showmanship 8) Removal of Stage Fear or Phobia 9) Solo Stage Performance 10) Group Performance in unison, harmonics, Two Part harmonics, Dynamics & Textures Playing theme music of "Harry Potter"
December			<p>RULES AND RUGULATIONS OF THE GAME AND SPORTS</p> <p>Fundamental skills and techniques of Athletics</p> <p>#TRACK AND FIELD EVENTS:</p> <p>#TRACK- 100MT,200,400,800, #RELAY</p> <p>100X4 + BATTON EXCHANGE</p> <p>#FIELD -LONGJUMP,HIGH JUMP</p> <p>,SHOTPUT ,DISCUSS THROW, JAVELLIN THROW</p>	<ul style="list-style-type: none"> Accurate pitch correction & blending Learning and playing Western Orchestral Composition with Indian Fusion of rhythm. Learning theme music of "Pirates of the Caribbean"

Month	Vocal Music	Painting	Dance	Theatre
April & May	<ul style="list-style-type: none"> ➤ Discuss about the history of Indian music, Classical & Non classical Music. ➤ Discuss about Raag, Thaata, Shruti & Taal. ➤ Alankars. # Distinguish between notes. <ul style="list-style-type: none"> ➤ Rabindrasangeet : Prathomo Adi Tabo Shokti. # Pronunciation. Explain about accompanying taal.	Western artist: study and reproduction work of salavodar dali Sub topic-wildest dream	<ul style="list-style-type: none"> ● 'Tatkar' with some new footwork of kathak, like- (nadin dinna..) ● New 'tukda' of kathak. ● One dance with the song of Tagore (Jhoro jhoro jhoro jhoro...). ● Discussion about dance project. 	नाटक व नुक्कड़ नाटक में अंतर भाव-भंगिमा मुख मुद्रा व भावों द्वारा घटना का प्रस्तुतीकरण नौ रसों का हाव-भाव द्वारा प्रदर्शन।
July	<ul style="list-style-type: none"> ➤ Alankars. ➤ English Prayer. ➤ Patriotic Song: O din hay kitna dur. # Voice expression. <ul style="list-style-type: none"> ➤ Taanpura Playing. ➤ Saraswati Vandana. ➤ Explain about accompanying Taal. 	Doodling Sub topic-unity in diversity	<ul style="list-style-type: none"> ● Practice of all the earlier things. ● 'Gat nikash' of kathak:- 'bansuri gat'. ● A classical composition of kathak. ● Introduction of some famous Indian classical dancer/artist with specialty that forms. 	सामाजिक जागरूकता पर आधारित विज्ञापन जैसे- भ्रष्टाचार, अन्धविश्वास आदि विषयों पर। समाज में पनपता कोढ़
August	<ul style="list-style-type: none"> ➤ Alankars. ➤ Raag Chandrakaush : Aroha, Avaroha, Alaap, Chotta Khayal, Taan. # Pitch. <ul style="list-style-type: none"> ➤ Explain about accompanying Taal: Teentaal. 	Contd. Doodling composition	<ul style="list-style-type: none"> ● Revision of earlier lesson. ● New 'paran' of kathak. ● Last part of classical dance. ● A patriotic dance. ● Knowledge about different "taal". 	<u>हास्य नुक्कड़ नाटक</u> खुशी के कुछ पल किसी घटना पर आधारित।
September & October	<ul style="list-style-type: none"> ➤ Discuss about musical personalities. # Listening. <ul style="list-style-type: none"> ➤ Shloka. ➤ Alankars. ➤ Raagmala. # Following rhythm. <ul style="list-style-type: none"> ➤ Explain about accompanying taal. 	Art journal : Perfect for life tracking	September: <ul style="list-style-type: none"> ● Revision of earlier lesson'. ● New 'chakradar paran' of kathak. ● Last part of patriotic dance. ● Classical composition of kathak on 'durga stuti'. October: <ul style="list-style-type: none"> ● Revision of earlier lesson. 	सत्य घटनाओं व कहानियों पर आधारित ये धोखे की दुनिया

			<ul style="list-style-type: none"> ● New 'Paran jodi amad' of kathak. ● Last part of 'durga stuti'. 	
November	<ul style="list-style-type: none"> ➤ Christmas Carols. # Pronunciation. <ul style="list-style-type: none"> ➤ Explain about accompanying Taal. 	Indian artist – Study and reproduction of s.h raza's art work	<ul style="list-style-type: none"> ● Revision of earlier lesson. ● One folk dance. ● Description of 'abhinaya'. 	<p>नुक्कड़ नाटक ज्वलंत विषयों पर आधारित</p> <p>मानवीय धरोहर की रक्षा</p>
December	<ul style="list-style-type: none"> ➤ Christmas Carols. ➤ Tribal Song-Sawtale Bela Dubeelo. # Singing together <ul style="list-style-type: none"> ➤ Explain about accompanying Taal. 	Contd. S.h raza's art work	<ul style="list-style-type: none"> ● Revision of earlier lesson. ● Last part of the folk dance. ● Knowledge about different "taal". 	<p>त्वर्चित क्षेत्रिय भाषा के साहित्यकारों के साहित्य पर आधारित नाटक</p>