

Timeline 2022-23 Grade 4

Duration	Central Idea & Lines of Inquiry	English –T.D	Math	(Hindi)	French	German	ICT	ICT	Visual Arts	P.E	P.A
Months	POI	English –T.D	Maths	S.L (Hindi)	S.L (French)	S.L (German)	ICT	ICT	V.A	P.E	P.A
April to June 7 weeks Summer Break – May 10 to July 15	<p>Trans disciplinary Theme: Who we are</p> <p>Central Idea: Different systems function in coordination to keep the body healthy</p> <p>Lines of Inquiry</p> <p>Functions of human body systems</p> <p>Interdependence of human body systems.</p> <p>Health and hygiene of my body</p> <p>Key Concepts: Form & Function, Connection, Responsibility</p> <p>Related Concepts: Structure, Systems, Interdependence, Health, Responsibility</p>	<p>Reading- Comprehension passages</p> <p>Listening- Listening Exercises</p> <p>Writing :</p> <p>-Parts of Speech (Introduction)</p> <p>-Nouns & its types</p> <p>Subject & Predicate</p> <p>-Comprehension passages on body systems.</p> <p>-Words, Phrases and Sentences</p> <p>-Types of sentences</p> <p>-Paragraph writing</p> <p>Viewing & Presenting:</p> <p>-Share charts & models on body systems</p> <p>-Watching videos & PPT's</p> <p>Speaking:</p> <p>-Oral Presentations</p> <p>-Poem Recitation</p>	<p>Numbers Indian & International</p> <p>Number System (7 digit number) - Place value chart, place and face value, successor and predecessor, comparison of numbers, ascending and descending order, Rounding Off, numbers to nearest thousands</p>	<p>Punaravartan Swar Vyanjan,matrao ka gyan,Sanyukt Vyanjan,Ri ki matra, T.D Sharir ke Ango.</p>	<p>Viewing and presenting, Speaking, Writing</p> <p>[Revision of Alphabets, greetings, number names from 1-50]</p> <p>- Number names from 51-100</p> <p>-(TD) Vocabulary on body parts</p> <p>- video song on body part</p> <p>- Poem recitation</p> <p>- Show and tell activity</p>	<p>[Revision of Alphabets, greetings, number names from 1-50]</p> <p>- Number names from 51-100</p> <p>-(TD) Vocabulary on body parts</p> <p>- video song on body part</p> <p>- Show and tell activity</p>	<p>Research on Characteristics of Computer</p> <p>TD -Operating System</p> <p>What is software and types of software.</p> <p>-What is an Operating System?</p> <p>-Concept –Folder.</p> <p>File</p> <p>-Working with folder, file</p> <p>-Create . Delete, Move using wild card characters</p> <p>- Add Wall paper, Screen Saver</p> <p>Presenting research in Ms word in a Poster/Jamboard</p> <p>E-Booklet in Ms. Word</p> <p>Insert- Cover Page, Table of Contents, Header, Footer, Footnote</p> <p>Page Layout-Setting Margins,Orientation, Color,Border, Water mark</p>	<p>Research on Characteristics of Computer</p> <p>TD -Operating System</p> <p>What is software and types of software.</p> <p>-What is an Operating System?</p> <p>-Concept –Folder.</p> <p>File</p> <p>-Working with folder, file</p> <p>-Create . Delete, Move using wild card characters</p> <p>- Add Wall paper, Screen Saver</p> <p>Presenting research in Ms word in a Poster/Jamboard</p> <p>E-Booklet in Ms. Word</p> <p>Insert- Cover Page, Table of Contents, Header, Footer, Footnote</p> <p>Page Layout-Setting Margins,Orientation, Color,Border, Water mark</p>	<p>shading: exploring the basic techniques of shading-stippling, hatching,cross hatching & blending. various excercises includes tonal values. excercise on how to shade on a 3D object,reverse shading, observational drawing of the moon to undersand the tones and shades.</p> <p>(T.D)- Detailed drawing of any body organs. (T.D)- Use of Body in Art insired by artist Heather Hanson to create charcoal drawing.</p>	<p>> Introduction (discipline) & Instructions regarding pool, Rules & Regulations, Safety (Inside & Outside), Proper swimming gears (Swimming Costumes, Cap Goggles)</p> <p>> Introduction, Kicking, With floater swimming, Diving & Swimming in Length.</p> <p>> Kicking , Diving from startig block & Recreational fun games</p> <p>> Fun games in pool for kids to learn in fun ways.</p>	<p>Keyboard/ Guitar: Exploring Waltz as a romantic expression. Introduction 3/4 timing. Different kinds of waltz viz. Enlist Waltz, Viennese Waltz etc. The students will learn to play the same as well.</p> <p>Drama</p> <p>Exploring the Performing arts disciplines through roleplay, drama games and storytelling</p> <p>Audition for selection.</p> <p>Dance:</p> <p>Difference between classical and folk dance. Traditional dance form whether classical or folk should be introduced to the students by showing videos or interaction with different performances.</p> <p>Keyboard/ Guitar: Exploring the Performing arts disciplines through Music. instrument knowledge.</p> <p>Drums / Congo:drum introduction parts name drum and congo hand techniques drum and congo stick grip drum feet techniques how to make drum at home (video watch) link : youtube.com/atc?v=dn4psmbdy1&_laja practice (beat speed) 1.one semi brave (whole note) 2.one minim (half note) 3.crochet (quarter note) and notations reading and writing</p> <p>Tabla: :Exploring the Performing arts disciplines through Alphabets of Rhythm and ways to play them Vocabulary of Tabla</p> <p>Rhythm(Music.Taal,Laya with three Types) and with form Single, Double and Four laya with matra and learn basic exercise Baya (Finger for Tritaal) Students learn Taal Tritaal.</p> <p>Vocal:Exploring the Performing arts disciplines through Music. students will explore soft and sharp notes(komal,shuddha and tivra) and their use through different songs. students will also learn 3 basic octaves are used in singing.</p> <p>Dance :- - why workout is important for dancers</p> <p>-Why Diet Is important?</p> <p>- what types of workout for dancers</p> <p>- what is basic diet plan for dancers</p> <p>- aerobics level -1 (foot work main focus area)</p> <p>- Zumba level – 1</p> <p>- 1 dance</p> <p>Tabla: :Exploring the Performing arts disciplines through Alphabets of Rhythm and ways to play them Vocabulary of Tabla</p> <p>Rhythm(Music.Taal,Laya with three Types) and with form Single, Double and Four laya with matra and learn basic exercise Baya (Finger for Tritaal).</p>

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16 July To sept 10 7/8 weeks	<p><u>Trans disciplinary</u> <u>Theme: Where we are in place and time</u> <u>Central Idea: Human Migration is a response to challenges, risks and opportunities</u> <u>Lines of Inquiry</u> <u>-Types and reasons of migration.</u> <u>-Migration throughout history.</u> <u>-Effects of migration on communities, culture and tradition.</u> <u>Key Concepts:</u> <u>Form .Causation, Change, Connection</u> <u>Related Concepts:</u> <u>Migration & progress, Population & Settlement, Interconnectedness, Consequence</u></p>	<p>Reading: -Chapter Reading from 'Matilda by Roald Dahl' -Comprehension passages - Case studies</p> <p>Viewing, listening and speaking: -Watching and reflecting on the movie 'Mukand & Riaz' -Conduct interviews. - Conduct survey -Share family migration history through charts -Listen to stories and read case studies</p> <p>Comprehending & Writing: - Comprehend case studies & provide explanations in writing - Research on historical migrations -Informal letter writing -Cause and effect -Synonyms and Antonyms -Forms of verbs (Along with Tenses) -Pronouns and its types -Tenses (Simple and Continuous)</p>	<p><u>Addition and Subtraction of 7 digit numbers.</u> <u>Measurement: Time (TD)- Chronological Order (time line) calendar time table</u> <u>Reading and writing time within 5 minutes interval</u> <u>conversion of 24 hours clock to 12 hours AM PM</u> <u>conversion of Days months years, hours minutes and seconds</u> <u>addition and subtraction of time</u> <u>time elapsed</u> <u>word problems of time</u></p>	<p><u>gadyansh.T.D. migration, Punravartan.</u></p>	<p>Reading, Writing, Listening & speaking</p> <p>- Family description - Basic introduction of family members - Physical appearance of each person - Adjectives & adjective possessive - Writing and reading on family description - Chart making activity</p>	<p>Viewing and presenting, Reading , writing</p> <p>- house , room and furniture activities - adjectives - Crosswords, memory games - videos and activities - TRO TRO and peppa pig short stories in german</p>	<p>Introduction to Ms Publisher -What & why Ms. Publisher Working with Ms. Publisher -Blank Template -Inbuilt Template -Acquaintance with Screen -Text & Drawing Tool Bar -Creating Publication on blank Template -Adding Text Boxes -Text Wrap -Drop Cap Text Format Options Creating Publication in MsPublisher -News Article --Advertisement -Brochure</p>	<p><u>(T.D.-migration)</u> -history of human migration through art. -PPT on Artist who represented migration through Art. -Students create artworks inspired by artists.</p>	<p>> Breast stroke practice T.D Importance of health in terms of physical exercises, yoga, & diet.. > Introduction, Kicking, With floater swimming, Diving & Swimming in Length.</p>	<p><u>Keyboard/ Guitar: Indian and Western way of expression. Explorat Indian folk music viz. Bhawai and western folk viz. auld Lang Syne. Drama</u> <u>Introduction to Drama - What is Drama? History and Origin in brief. Dramatic movement and Expression.</u> <u>Dance:</u> <u>Selection of student.</u> <u>Keyboard/ Guitar:</u> <u>Audition for selection.</u> <u>Drums / Congo: waltz beat 3/4 timing rthym common beat 4/4 timing rthym and variation and fill country rock 4/4 timing rthym and variation and fill playing 1. march past playing and practice differents tempo 2. prayer songs practice and playing differents beat</u> <u>Tabla: Revised all.Students will learn traditional Gharana in Tabla and they will learn What is Kaida,Paltas and Tihai? They will learn (Tirkita) Kaida and How to play kaida in sequance?.</u> <u>.Vocal:</u> <u>Revision of Basic Information of Musical Notes And Octave.</u> <u>Students will explore the musical notes with "alankars" and Voice culture exercises. (TD with 3rd LOI) -Effects of migration on communities, culture, and tradition.- students will explore the impact of migration on Indian musical culture and instruments migrated in India from another place. students will work in groups through different activities like chart making, will research different traditional music and change in it.</u> <u>Dance :- - *Goa migration dance information</u> <u>- *Research on dance of kathak information about classical dances (Bharatanatyam, Kathak & khathakali dances)</u> <u>- show them dace video about these dances and ask them que about costume and moves</u> <u>- Aerobics level – 1 (hand movement main focus area)</u> <u>- Zumba level -1</u> <u>- 1 patriotic dance 1 level up</u></p>

Duration	Central Idea & Lines of Learning	English –T.D	Math	(Hindi)	French	German	ICT	Visual Arts	PE	P.A	
July 21 to Aug21	<p>Trans disciplinary Theme: How the world works</p> <p>Central Idea- Energy may be converted, transformed and used to support human progress.</p> <p>Lines of Inquiry:</p> <p>Different forms of energy sources (renewable & non renewable</p> <p>How energy is used (transformation)</p> <p>Sustainable energy Practices</p> <p>Key Concepts- Form, Function, Change, Responsibility, Related concepts- Conservation & transformation</p>	<p>Reading. -Chapter Reading from 'Matilda' Comprehension Passages</p> <p>Speaking:- Poem recitation -audio Visual presentations</p> <p>Writing: -Articles -Verbs (Transitive & Intransitive) Types of Adverbs Paragraph Writing</p> <p>Viewing & presenting: Watch Videos Audio Visual Presentations</p>	<p>Numbers: operations (multiplication, division) Bodmas. Divisibility Test. Prime and composite numbers Factors and multiples</p> <p>Math TD: Data handling</p>	<p>Kavita.ginti 1 se 50. tak aanko mein shabdo mein,kahani, sangya,ling.</p>	<p>Viewing & presenting, Listening & speaking</p> <p>-Vocabulary on clothes & accessories - Use of colors name as an adjective</p> <p>- Videos on clothes - Chart presentation on clothes accessories - Watching a movie and writing reflection on "Trotro s'habille"</p>	<p>Reading, Writing , listening and speaking , viewing and presenting</p> <p>- family description (name, age,wohnort, nationality,physical appearance) - adjectives - chart making - physical appearance adjectives</p>	<p>Reading, Writing , listening and speaking , viewing and presenting</p> <p>- family description (name, age,wohnort, nationality,physical appearance) - adjectives - chart making - physical appearance adjectives</p>	<p>T.D How computer uses electrical energy and how the computer works? Why Computer uses binary language ? Peripheral Devices and Functions of Computer</p>	<p>Stand Alone: Meet the artist:Pablo Picasso -learning about history of modern art and cubism -charecteristics of picasso style art. -roll-a-picasso game , cubist portrait, cubist still life , -make a 3D sculpture inspired by picasso.</p>	<p>Athletics >100 M > 200 M > Speed Agility > Standing start > Balancing >Introduction (discipline) & Instructions regarding Athletics, >Rules & Regulations. >Running</p>	<p>Keyboard/ Guitar: Students will explore shorter rhythm cycle viz. 2/4 and march beat as the expression of regimentation. They will explore this through the melody title d Drunken sailor.</p> <p>Drama Speaking with the Body - Mime This module was an introduction to miming techniques. Students will explore occupational and emotional miming techniques. The difference between a gesture and a symbol, and put together a self - scripted mime. Prictice for Annual Concert, Dance:Introduction of Different kinds of expression.navras Theory having nine rasas. Navras has been discussion in the previous class in expression so will discuss and introduce four rasa with four dances</p> <p>Keyboard/ Guitar:Exploring Waltz as a romantic expression. Introduction 3/4 timing. Different kinds of waltz viz. English Waltz, Viennese Waltz etc. The students will learn to play the same as well.</p> <p>Drums / Congo: 1.two beat rolling 2.3 beat rolling 3.four beat rolling and notations reading and writing, rthym excrcise and notation</p> <p>Dance :- - *Goa migration dance information - *Research on dance of kathak - information about classical dances (Bharatanatyam, Kathak & khathakali dances) - show them dace video about these dances and ask them que about costume and moves - Aerobics level – 1 (hand movement main focus area) - Zumba level -1 - 1 patriotic dance 1 level up</p> <p>Vocal: Students will continue learning about Voice modulation through. Students will learn songs based on language, patriotic songs, and songs of different celebrations celebrated all around the world.</p> <p>Tabla:Students will continue practicing to acquire perfection.(TD) Energy Students will knowledge what is Riyaz (Practice)? with Taal, Kaida, Plats and Tihai and some basic exersice.</p>

Duration	Central Idea & Lines of Inquiry	English –T.D	Math- T.D	(Hindi)	French	German	ICT	Visual Arts	PE	P.A
Jan/Feb 7/8 Weeks Christmas Break (13 days)	<p>Trans disciplinary Theme: Sharing the planet</p> <p>Central Idea: Biodiversity relies on maintaining the interdependent balance for organisms within systems.</p> <p>Lines of Inquiry: -Interdependence within ecosystems, biomes and environment. -Ways in which organisms are interconnected. -How human interaction with the environment can affect the balance in systems.</p> <p>Key Concepts: Form, Function, Connection, Responsibility</p> <p>Related Concepts: Biodiversity, Interdependence, Relationships, Balance</p>	<p>Reading: Chapter Reading from 'Matilda by Roald Dahl'</p> <p>Viewing & listening: -Videos on ecosystems & biodiversity -Listening Exercises</p> <p>Writing: Types of adverbs, Types of conjunctions, Prefix and suffix, Formal Letter Writing</p> <p>Speaking: -Poem Recitation Presenting- News Reading, POI Presentations</p>	<p>Math TD: Shapes and pattern lines of symmetry angles.</p> <p>Math:Numbers: Fractions: types of fractions conversion of fractions from mixed to improper and vice-versa addition, subtraction of like and unlike fractions word problems ordering and comparing of fractions</p> <p>Decimals</p>	<p>reading story. muhawre kavita. ginti 80 se 100 tak. aanko mein shabdo mein</p>	<p>Reading, Writing, Listening & speaking</p> <p>- Likes and dislikes of food - Video song on meals</p> <p>- House and furniture - Description of house - Videos and online games - Memory game - Presentating their house with furniture - Video song - Online practice worksheets</p>	<p>Reading, Writing, Listening & speaking</p> <p>House, rooms and furniture</p> <p>- Reading comprehension - Videos and online games - Memory game - Presentating their house with furniture - Video song - research on Germany's house - essay writing on their house and their dream house</p>	<p>Introduction to Ms Excel</p> <p>-What is spreadsheet? -Ms. Excel, A Spreadsheet -Ms. Excel Window, Title Bar, Menu Bar, Tool Bar, Formula Bar -Concept of Cell, Rows, Columns Different format of data in Excel Typing in Excel -Alignment o data in Cells – Word Wrap, Merge Cell Entering data -Autofill Numbering -W Using formulas - Addition Multiplication</p> <p>Using Inbuilt Functions</p>	<p>Visual Arts - (T.D.) - Dale Chihuly sculpture from recycled bottles</p>	<p>> Basic Introduction – Basketball, Rules & Regulations > Basic Dribbling – High & Low Dribble, Right & Left Hand Dribbling, Front-Back & Side Dribbling, Speed Dribbling, Zig Zag Dribbling. > Basic Passing – Chest, Bounce & Overhead Passing, 2-3-5 Men Passing, Wall Passing, Partner Movements, Dribbling & Passing.</p>	<p>Keyboard: Different Finger Movement and exercises . Notation reading. Task - How different musical Instruments sound different. C scale practices. Melody to Harmony (Scales Making Major, minor, and Harmonic minor. Chode making Major, minor and Diminished.</p> <p>Tabla::Students will revised Laya with three types of aa of Laya, Kaida, Paltas, and Tihai. Kaida in Taal Titaal with 2 plates and one sadi Tihai will continue practising to acquire perfection folk rhythm.</p> <p>DRAMA:- what to do - Students will explore the Basics of Physical and Vocal Expression - Body movement and Stage awareness through storytelling and enactment of folktales. Drama:Introduction to Drama - What is Drama? History and Origin in brief, Dramatic movement and Expression., Dance:Two song on different themes. One is based on mythology the other is based on western style. Tabla: Students will continue practicing to acquire perfection Mukhda in Tin</p> <p>Keyboard/ Guitar: Students will explore shorter rhythm cycle viz. 2/4 and march beat as the expression of regimentation. They will explore this through the melody title d Drunken sailor. Drums / Congo:Students will explore patterns of common beat variation 4/4 timing with its one fillers and one End 4 beat Roling.They will also learn different tempo as a mean of expression. 2. country rock variation and fill 1 will continue practicing to acquire.</p> <p>Vocal: students will introduce to Indian classical Raaga, and basics and information on what is raag? what are the terms of raaga? and students will learn basic raaga with all details of that raag, students will how to sing swarmalika (song of notes of raaga) of the raag.</p> <p>Dance :- -aerobics higher lavel -zumba higher lavel energy - information about - (kuchipudi – Manipuri – Mohiniattam) - show them dance video of these - Dances and ask them ques about dance moves and costume. - Aerobics level -1 (main focus leg and hand movement, alternate rotation - Graba 2 Tali – 3 Tali – timly flash mob - Annual concert practise - Zumba level – 1 - 1 folk Dance technical information</p>

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Sept To Oct 30 5/6 weeks	<p>Trans disciplinary Theme: <u>How we express ourselves</u></p> <p>Central Idea: <u>Conflict management skills help us express our feelings to move towards peaceful resolution.</u></p> <p>Lines of Inquiry: <u>Types of conflicts (interpersonal and intrapersonal) (form)</u></p> <p><u>Causes and effects of conflicts (Causation, Perspective)</u></p> <p><u>Conflict resolution and management (Responsibility)</u></p> <p>Key concepts: <u>Form, causation, perspective</u> Related concepts: <u>conflict, communication, settlement</u></p>	<p>Reading: - Chapter Reading from "Matilda by Roald Dahl" -Poem recitation -PPT presentation -Model presentation</p> <p>Writing: <u>Adverbs and its types.</u> <u>Writing Poems (Acrostic, Limericks & Couplets).</u> <u>Identifying a rhyme Scheme,Diary Entry</u> <u>Listening- Watching videos .</u> <u>Listening assessments</u></p> <p>Viewing & Presenting:- <u>Chart & PPT Presentations.</u> <u>Watching videos.</u></p>	<p>Numbers: <u>Fractions and decimals continue</u></p>	<p><u>Yachan sarvnam kavita qinti 51 se 80 tak aanko mein shabdon mein.</u></p>	<p>Viewing and presenting, Reading</p> <ul style="list-style-type: none"> - House and furniture - Listening activity - Matching activity - Videos and online games - Poem reading (Voila ma maison) - Reading comprehension - Memory game - Watching a movie and writing reflection on "Troto range sa chambre" 	<p>German</p> <p>Viewing & presenting, Listening & speaking , reading , writing</p> <ul style="list-style-type: none"> -House and furniture - Matching activity - Videos and online games - Reading comprehension - Memory game - Peppa pig in German 	<p>Scratch Programming: <u>How to add a sprite, to add a backdrop, move a sprite, change backdrop, importance of x and y coordinates, make the sprite move, learning about block coding and loops</u></p>	<p>Transdisciplinary: creating a painting inspired by Picasso's "GUERNICA"</p>	<p>PE</p> <p>> Basic Shooting – Introduction, Dribbling & Shooting, Zig-Zag Shooting, Passing & Shooting, Star Drill Shooting, 2-3 Pt. Shooting. > Fun Drills including Dribbling, Passing & Shooting, > 2on2, 3on3, 5on5 Game Half Court & Full Court</p>	<p>P.A</p> <p>KEYBOARD: Scale and Family chords.) <u>Songs learnt - Happy Birthday, Twinkle Twinkle, National anthem , Vande Matram, Sare Jaha se achcha , Uthe sab ke kadam , Phoolon ka Taaro ka , Sare ke sare Gama ke leke, M12, Aa chal ke tuje, Prever, Melody to Harmony (Scales Making Major, minor and Harmonic minor, Chode making Major, minor and Diminished, Scale and Family chords.)</u></p> <p>Drama Speaking with the Body - Mime This module was an introduction to miming techniques. Students will explore occupational and emotional miming techniques, The difference between a gesture and a symbol, and put together a self - scripted mime. Prictice for Annual Concert Dance:Introduction of Different kinds of expression navras Theory having nine rasas. Navras has been discussion in the previous class in expression so will discuss and introduce four rasa with four dances.</p> <p>Keyboard/ Guitar:Exploring Waltz as a romantic expression. Introduction 3/4 timing. Different kinds of waltz viz. Enlish Waltz, Viennese Waltz etc. The students will learn to play the same as well.</p> <p>Drums / Congo : <u>The students will learn to play the same as well.one semi brave, one minim_crochet together 4 beat rolling common beat 4/4 timing rthyms and fill one 2.common beat variation one and fill 1</u></p> <p>Tabla: Students will continue practising to acquire perfection.</p> <p>Vocal: Students will continue learning about Voice modulation through, different songs, prayer songs and basic rhythm, and also explore on different types of instruments and their category of it(bowed strings, woodwind, brass, percussion etc)</p>