

BHARATIYA VIDYA BHAVAN

YEAR PLAN 2021 – 2022

STD – IX ENGLISH

MONTH	BEEHIVE	MOMENTS	GRAMMAR
JUNE (24 DAYS)	Unit 1: <ul style="list-style-type: none">• The Fun They Had• The Road Not Taken (Poem) Unit 2: <ul style="list-style-type: none">• The Sound of Music<ol style="list-style-type: none">1. Evelyn Glennie2. Bismillah Khan• Wind (Poem)	Unit 1: The Lost Child	<ul style="list-style-type: none">• Tenses
JULY (24 DAYS)	Unit 3: <ul style="list-style-type: none">• The Little Girl• Rain on The Roof (Poem)	Unit 2: The Adventures of Toto Unit 4: In the Kingdom of Fools (Unit 4 is not included for P1)	<ul style="list-style-type: none">• Modals
Periodic Assessment 1 (August 2 – 6)			
AUGUST (15 DAYS)	Unit 4: <ul style="list-style-type: none">• A Truly Beautiful Mind• The Lake Isle of Innisfree (Poem)	Unit 5: The Happy Prince Unit 6: Weathering the Storm in Ersama	<ul style="list-style-type: none">• Active and Passive Voice
SEPTEMBER (23 DAYS)	Unit:5 <ul style="list-style-type: none">• The Snake and The Mirror• A Legend of The Northland (Poem) Unit 6: <ul style="list-style-type: none">• My Childhood• No Men Are Foreign (Poem)	Unit 3: Iswaran the Storyteller	<ul style="list-style-type: none">• Subject- Verb Concord

OCTOBER (19 DAYS)	Unit-7: <ul style="list-style-type: none"> Packing The Duck and The Kangaroo (Poem- Reading Only) (October portions are not included for P2)	Unit 7: The Last Leaf	<ul style="list-style-type: none"> Reported Speech <ol style="list-style-type: none"> Statements Imperatives Interrogative
Periodic Assessment 2 (Oct 18 –29)			
NOVEMBER (23DAYS)	Unit 8: <ul style="list-style-type: none"> Reach For The Top <ol style="list-style-type: none"> Santosh Yadav Maria Sharapova On Killing A Tree (Poem) 	Unit 8: A House Is Not A Home	<ul style="list-style-type: none"> Clauses <ol style="list-style-type: none"> Noun Clause Adverb Clause of Condition and Time Relative Clause
DECEMBER (19 DAYS)		Unit 9: The Accidental Tourist	Determiners
Periodic Assessment 3 (DEC 16 -22)			
JANUARY (22 DAYS)	Unit 9: <ul style="list-style-type: none"> The Bond of Love The Snake Trying (Poem) 	Unit 10: The Beggar	<ul style="list-style-type: none"> Prepositions
FEBRUARY (22 DAYS)	Unit 10: <ul style="list-style-type: none"> Kathmandu A Slumber Did My Spirit Seal (Poem) Unit 11: <ul style="list-style-type: none"> If I Were You 		

MARCH (24 DAYS)	Revision	Final Examination (March 15 - 25)	
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SL NO	NAME OF THE TEACHER	SCHOOL
1	Ms. Maya Mathew	Bhavan's Varuna Vidyalaya, Thrikkakara
2	Ms. K Ragini Raja	Bhavan's Munshi Vidyashram, Thiruvamkulam
3	Ms. Manjusha J	Bhavan's Vidya Mandir, Eroor
4	Ms. Sajini K S	Bhavan's Vidya Mandir, Girinagar
5	Ms. Sini K Jacob	Bhavan's Adarsha Vidyalaya, Kakkanad
6	Ms. Sonia P M	Bhavan's Vidya Mandir, Elamakkara
7	Ms. Girija P Nair	Bhavan's Newsprint Vidyalaya, Velloor

BHARATIYA VIDYA BHAVAN , KOCHI
SCHEME OF WORK (2021-2022)

STD IX - MATHEMATICS

MONTH	JUNE
UNIT	NUMBER SYSTEMS,POLYNOMIALS
CONTENT	<p>NUMBER SYSTEM Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. Rational numbers as recurring/ terminating decimals. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Existence of x for a given positive real number x and its representation on the number line with geometric proof. 4. Definition of nth root of a real number. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.) 6. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a \mp \sqrt{b}}$ and $\frac{1}{\sqrt{a} \mp \sqrt{b}}$ (and their combinations) where x and y are natural number and a and b are integers.</p> <p>POLYNOMIALS: Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of $ax^2+ bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.</p>
GOING BEYOND THE TEXT BOOK	Can extend real number system to complex numbers Graphs of polynomials of different degrees
ACTIVITY	Constructing square root spiral
VALUE	<ul style="list-style-type: none"> • Team work and co-operation • Can develop their own rules in some situations in life . • Problem solving can also allow the person to develop by experiencing the full range of emotions associated with various stages of solution process.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Understands the arithmetical properties of rational and real number • Perform arithmetical operations • Locates a real number on number line • Interprets and understands the zeroes of a polynomial based on their degrees

	<ul style="list-style-type: none"> • Divides the polynomial by another polynomial • Applies Remainder theorem and Factor theorem. • Understands algebraic identities.
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MONTH	JULY
UNIT	POLYNOMIALS ,COORDINATE GEOMETRY,LINER EQUATIONS IN TWO VARIABLES
CONTENT	<p>POLYNOMIALS : Recall of algebraic expressions and identities. Verification of identities: $(x+y+z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$, $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$, $x^3 \pm y^3 = (x \pm y)(x^2 \pm xy + y^2)$, $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials</p> <p>COORDINATE GOEMETRY: The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane</p> <p>Linear Equations: Introduction to linear equations Solution of a linear equation Graph of a linear equation in two variables Equations of lines parallel to x axis and y axis</p>

GOING BEYOND THE TEXT BOOK	<ul style="list-style-type: none"> • Through daily life examples extend two dimensional to three dimensional geometry. • (Radar to locate aircraft) • Can explain about the application of graphs in business and science to depict and analyse trends.
ACTIVITY	<ul style="list-style-type: none"> • Making mirror image of a given figure with respect to X-axis and Y-axis • Finding area enclosed by the given 2 lines and x- axis or y-axis.
VALUE	<ul style="list-style-type: none"> • Can develop higher order thinking skills and quantitative reasoning skills • By solving and balancing the equations students understands the importance of balance in life
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Defines coordinate geometry • Understands the concept of coordinate geometry. • Plots the points on the graph sheet • Makes mirror images using the concept • Understands graphic ,numeric ,algebraic and mental strategies to solve equations • Forms equations from real life situations.

MONTH	AUGUST
UNIT	Linear equations in two variables, Introduction to Euclid's Geometry, Lines and Angles
CONTENT	<p>Problem solving of Linear Equations (Contd)</p> <p>Introduction to Euclid's Geometry(not for written Assessment) Multiple Assessment –mind mapping only</p> <p>LINES AND ANGLES: 1.(Motivate)If a ray stands on a line, then the sum of two adjacent angles so formed is 180° and the converse.2.(Prove)If two lines intersect each other ,then the vertically opposite angles are equal. 3.(Motivate)Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.</p>
GOING BEYOND THE TEXT BOOK	Mention about geogebra
ACTIVITY	

VALUE	<ul style="list-style-type: none"> • Helps to develop critical thinking skills, problem solving ,logic patterns and spatial reasoning. • Provides basic foundational skills • Helps to build thinking skills of logic, deductive reasoning , analytical reasoning and problem solving
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Recalls basic geometrical concepts • Identifies axioms and postulates • Applies axioms to solve problems • Writes definitions of terms with necessary and sufficient conditions • Identifies theorems and axioms • States and proves theorems • Investigate the application of lines and angles in geogebra

MONTH	SEPTEMBER
UNIT	LINES AND ANGLES ,TRIANGLES ,CONSTRUCTIONS
CONTENT	<p>Lines and Angles</p> <p>4.(Motivate)Lines which are parallel to the same line are parallel.5.(Prove)The sum of the angles of a triangle is 180°.6.(Motivate)If a side of a triangle is produced,then the exterior angle so formed is equal to the sum of the two interior opposite angles.</p> <p>Triangles</p> <p>Congruence of triangles</p> <p>Criteria for Congruence of Triangles</p> <p>Exercise 7.1</p> <p>Some properties of a triangle</p> <p>Exercise 7.2</p> <p>Some more criteria for Congruence of Triangles</p> <p>Exercise 7.3</p> <p>Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.</p> <p>Exercise 7.4</p> <p>Constructions</p> <p>Construction of bisectors of line segments and angles of measure 60° , 90° , 45° etc., equilateral triangles. 2. Construction of a triangle given its base, sum/difference of the other two sides and one base angle. 3. Construction of a triangle of given perimeter and base angles</p>

GOING BEYOND THE TEXT BOOK	*Triangle is considered as the most stable and strong plane figure. List the areas where real applications of triangles occur. * Construct angles of measures 150° , 67.5° etc using ruler and compasses
ACTIVITY	Inequalities in triangles
VALUE	<ul style="list-style-type: none"> • By teaching congruence of triangles student recognizes that everything is in proportion and works with unity. • Helps the student to construct the ability to make decisions that reflects an accountable and ethical outlook.
LEARNING OUTCOMES	<ul style="list-style-type: none"> ▪ Defines congruence of triangles ▪ Identifies the congruence rules ▪ Applies congruence rule in solving problems ▪ Analyse the properties of triangles ▪ Examines the inequalities in a triangle. ▪ Understands geometrical terminology for angles and triangles. ▪ Measures angles using protractor. ▪ Construct triangles when sum or difference of two sides are given also construct triangle with given perimeter.

MONTH	OCTOBER
UNIT	CONSTRUCTIONS, QUADRILATERALS
CONTENT	<p>Constructions Contd.</p> <p>Quadrilaterals</p> <ol style="list-style-type: none"> 1. The diagonal divides a parallelogram into two congruent triangles. 2. (Motivate) In a parallelogram opposite sides are equal, and conversely. 3. (Motivate) In a parallelogram opposite angles are equal, and conversely. 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.

GOING BEYOND THE TEXT BOOK	Form a family tree of quadrilaterals using hierarchy of properties
ACTIVITY	The quadrilateral formed by joining the midpoints of the sides of a quadrilateral is a parallelogram by paper folding method.
VALUE	In quadrilateral family each one is having its own properties likewise each person in a family, the personality will be different. It teaches that one should view things with a lot of properties. Strengthens logical ability.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Proves the given statement using the properties of parallelogram • Applies the properties in solving problems.

MONTH	NOVEMBER
UNIT	<p>QUADRILATERALS(CONTD)</p> <p>AREAS OF PARALLELOGRAMS</p> <p>CIRCLES</p>
CONTENT	<p>Quadrilaterals :</p> <p>5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely. 6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.</p> <p>AREAS OF PARALLELOGRAMS:</p> <p>Review concept of area, recall area of a rectangle. 1. (Prove) Parallelograms on the same base and between the same parallels have the same area. 2. (Motivate) Triangles on the same (or equal base) base and between the same parallels are equal in area</p> <p>Circles</p> <p>Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle. 1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. 2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) There is one and only one circle passing through three given non-collinear points. 4. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 5. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. 6. (Motivate) Angles in the same segment of a circle are equal. 7. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 8. (Motivate) The sum of either of the pair of the</p>

	opposite angles of a cyclic quadrilateral is 180° and its converse
GOING BEYOND THE TEXT BOOK	<ul style="list-style-type: none"> • Daily life application in construction field—make a list • List the applications of circles in real life. Eg: More light is taken in the camera when the area of the lens is more.
ACTIVITY	Inscribed angle theorem by paper cutting and pasting method. CONCEPT MAPPING or CROSSWORD PUZZLE of Quadrilaterals (Multiple Assessment)
VALUE	<ul style="list-style-type: none"> • Allow the students to construct a wide range of discipline within themselves • Improves Aesthetic sense • Moral circle which includes you, family, friends and other wonderful beings that inhabit this planet makes life worthwhile.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • Identifies the figures on same base and between the same parallels. • Proves the theorems based on that. • Applies the theorems while solving problems. • Defines terms related to circles • Prove theorems and converses • Identifies many concepts from inscribed angle theorem • Understands properties of cyclic quadrilaterals.

MONTH	DECEMBER
UNIT	CIRCLES (CONTD) PROBABILITY
CONTENT	<p>Circles: Exercise 10.5(contd.)</p> <p>PROBABILITY History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability. (A large amount of time to be devoted to group 121 and to individual activities to motivate the concept; the experiments to be drawn from real - life situations, and from examples used in the chapter on statistics).</p>
GOING BEYOND THE TEXT BOOK	<ul style="list-style-type: none"> • Draw a tree diagram to illustrate the possible outcomes of an experiment

ACTIVITY	
VALUE	<ul style="list-style-type: none"> • In practical life we are compelled to follow what is most probable , in speculative thought we are compelled to follow truth.
LEARNING OUTCOMES	<ul style="list-style-type: none"> • *Find experimental probability without replacement • * Solve probability problems

MONTH	JANUARY
UNIT	<p>HERON'S FORMULA</p> <p>SURFACE AREAS AND VOLUMES</p> <p>STATISTICS</p>
CONTENT	<p>HERON'S FORMULA Area of a triangle using Heron's formula (without proof) and its application in finding the area of a quadrilateral</p> <p>SURFACE AREAS AND VOLUME Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones.</p> <p>STATISTICS Collection of data, presentation of data — tabular form, ungrouped / grouped</p>
GOING BEYOND THE TEXT BOOK	<ul style="list-style-type: none"> • Application of heron's formula to find the area of combination of plane figures • Finding SA and volume of combination of solids.
ACTIVITY	CSA of cone by paper cutting and pasting method.
VALUE	<ul style="list-style-type: none"> • Accuracy can be acquired • Combination of arithmetical and geometrical skill improves multiple skills • Students analyse the characteristics and properties of 2D and 3D shapes and develop in a mathematical arguments about geometrical relationships. Through this they get the value of human relationship.
LEARNING OUTCOMES	<ul style="list-style-type: none"> ▪ Recalls the terms triangles and area of triangles ▪ Recognizes Heron's formula ▪ Acquires the concept of Heron's formula ▪ Analyses and applies the formula . ▪ Finds the SA and volumes of solids. ▪ Finds the volume of a solid when melted and recast into another form.

	<ul style="list-style-type: none"> ▪ Applies the formulae in solving problems. ▪ .
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MONTH	FEBRUARY
UNIT	STATISTICS (CONTD)
CONTENT	Bar graphs, histograms (with varying base lengths), frequency polygons. Mean, median and mode of ungrouped data.
GOING BEYOND THE TEXT BOOK	Collect information regarding the importance of statistics in different fields.
ACTIVITY	
VALUE	Students get a training and approach to problem solving on a diverse variety of disciplines
LEARNING OUTCOMES	<ul style="list-style-type: none"> ▪ Recognizes the importance and value of mathematical and statistical thinking ▪ Gets familiar with a variety of statistical examples ▪ Explains abstract or physical phenomena.

MONTH	MARCH -FINAL EXAMINATION
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Suggested Art integrated activities	<ol style="list-style-type: none"> 1.Warli art (Triangles) 2.Mandala art (Circles) 3.Graphing art(coordinate Geometry) 4.Mathematics and Architecture (Congruence) 5.Square root spiral of Theodorus.(Number system)
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BHAVAN'S VIDYA MANDIR, ELAMAKKARA - SMISHA C S, LAITIS KUNJUKUNJU

BHAVAN'S VIDYA MANDIR, GIRINAGAR - INDU S N

BHAVAN'S VIDYA MANDIR, EROOR -SINDHU C NAIR

BHAVAN'S ADARSHA VIDYALAYA, KAKKANAD -BINDU P V

BHAVAN'S VARUNA VIDYALAYA, THRIKKAKARA - BINU MATHEW

BHAVAN'S NEWSPRINT VIDYALAYA - AJI PAULOSE

BHAVAN'S MUNSHI VIDYASHRAM - JAYASREE L

BHARATIYA VIDYA BHAVAN, KOCHI

YEAR PLAN - 2021-2022 FOR CLASS IX (BIOLOGY)

MONTH	<u>CHAPTERS</u>
JUNE	5-FUNDAMENTAL UNIT OF LIFE
JULY	5- FUNDAMENTAL UNIT OF LIFE (Contd) 6- TISSUES – PLANT TISSUES
AUGUST	PERIODIC ASSESSMENT – 1 AUGUST – <u>2/8/21 – 6/8/21</u> PORTION FOR THE EXAM -CHAPTER 5 (THE FUNDAMENTAL UNIT OF LIFE) 6- TISSUES (contd) -ANIMAL TISSUES
SEPTEMBER	6- TISSUES – ANIMAL TISSUES (contd) 13 – WHY DO WE FALL ILL?

<p>OCTOBER</p>	<p>13.WHY, DO WE FALL ILL? Contd....</p> <p>PERIODIC TEST II OCTOBER – <u>18/10/21 – 29/10/21</u></p> <p>PORTIONS FOR THE EXAM – 20 % OF FUNDAMENTAL UNIT OF LIFE, 60% OF TISSUES,20% OF WHY DO WE FALL ILL?</p> <p>(Till Pg. no:180-13.2.5 included)</p> <p>20% OF P1 AND 80% OF P2</p>
<p>NOVEMBER</p>	<p>14. NATURAL RESOURCES (PORT FOLIO)</p> <p>Biogeochemical cycles.</p> <p>15.IMPROVEMENT IN FOOD RESOURCES (MULTIPLE ASSESSMENT)</p>
<p>DECEMBER</p>	<p>15.IMPROVEMENT IN FOOD RESOURCES (contd)</p> <p>PERIODIC TEST III - DECEMBER – <u>16/12/21-22/12/21</u></p> <p>PORTIONS FOR THE EXAM</p> <p>40% OF WHY DO WE FALL ILL? (13.3 ONWARDS), 30% OF NATURAL RESOURCES,30% OF IMPROVEMENT IN FOOD RESOURCES. (Till Pg. no: 209 -15.1.3 included)</p>
<p>JANUARY</p>	<p>7.DIVERSITY IN LIVING ORGANISMS</p>

FEBRUARY	7.DIVERSITY IN LIVING ORGANISMS (Contd)
	REVISION
MARCH	ANNUAL EXAMINATIONS – MARCH - <u>15/3/22- 25/3/22</u>
	(FULL PORTIONS)
	THE FUNDAMENTAL UNIT OF LIFE -10%
	TISSUE -10%
	WHY DO WE FALL ILL? - 20%
	NATURAL RESOURCES - 10%
	IMPROVEMENT IN FOOD RESOURCES – 25%
	DIVERSITY IN LIVING ORGANISMS – 25%

BHAVANS VIDYA MANDIR, EROOR	KRISHNAPRIYA	
BHAVANS VIDYA MANDIR, GIRINAGAR	INDU P	
BHAVANS VIDYA MANDIR, ELAMAKKARA	SUMI	
BHAVANS ADARSHA VIDYALAYA, KAKKANAD	SAVITRI V	
BHAVANS VARUNA VIDYALAYA, THRIKKAKARA	SREEKALA KRISHNADAS	
BHAVANS NEWSPRINT VIDYALAYA, VELLORE	REMYA	
BHAVANS MUNSHI VIDYASHRAM, THIRUVAMKULAM	SHEEBA GEORGE	

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN FOR THE YEAR 2021-2022
CLASS IX (CHEMISTRY)

MONTH	UNIT	TOPICS
JUNE	2	Is matter around us pure
JULY	2	Is matter around us pure (contd...)
	3	Atoms and Molecules
AUGUST		Periodic Test 1 (August 2nd – 6th) Chapter 2: Is matter around us pure
	3	Atoms and Molecules (contd...)
SEPTEMBER	3	Atoms and Molecules (contd...)
OCTOBER	3	Atoms and Molecules (contd...)
		Periodic Test 2 (October 18th – 29th) Chapter 2: Is matter around us pure (60%) Chapter 3: Atoms and molecules (40%) (Till page no: 40, Except mole concept ,from 3.5.3 excluded)
NOVEMBER	4	Structure of Atom
DECEMBER	4	Structure of Atom (contd...)
		Periodic Test 3 (December 16th – 22nd) Chapter 2: Is matter around us pure (30%) Chapter 3: Atoms and molecules (50%) Chapter 4: Structure of atom (20%) (Up to 4.2.3, Bohr's model excluded)
JANUARY	1	Matter in our surroundings
FEBRUARY	4	Matter in our surroundings (contd....)
	14	Natural resources.
MARCH		Final Examination - March 15th Chapter 2: Is matter around us pure (16%) Chapter 3: Atoms and molecules (20%) Chapter 4: Structure of the atoms (30%) Chapter 1: Matter in our surroundings. (30%) Chapter 14: Natural resources. (4%)

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN 2021-2022
ARTIFICIAL INTELLIGENCE (Sub Code: 417) - CLASS IX

MONTH	UNIT	TOPICS
JUNE	1	Introduction to AI – Excite
JULY	1	Introduction to AI – Excite, Relate PERIODIC ASSESSMENT 1 (August 2 – August 6)
AUGUST	1	Introduction to AI – Purpose, Possibilities
SEPTEMBER	1	Introduction to AI – AI Ethics
OCTOBER	2	AI – Project Cycle – Problem scoping PERIODIC ASSESSMENT 2 (October 18 – October 29)
NOV/DEC	2	Data Acquisition Data Exploration Modelling Employability Skills-I – Unit 1 PERIODIC ASSESSMENT 3 (Dec 16 – Dec 22)
JANUARY	3 4	Neural Network Introduction to Python Employability skills-I – Unit 2 and 3
FEBRUARY		Employability skills-I – Unit 4 and 5
MARCH		FINAL EXAMINATION(March 15 – March 25)

DATE OF MEETING 18-05-2021

Time: 3 pm to 5 pm

Name of the School	Name of the Teachers
BVM, Elamakkara-	Maya Moneykumar, Anupama Usha, Anju G
BVM, Girinagar -	Saritha Vijayachandran, Shanti R, Susmitha S Shenoy
BVM, Eroor -	Liby Mathai, Sreedevi V
BAV, Kakkanad -	Aneesha M.R, Neethesh N Shenoy
BVV, Thrikakkara -	Sindhu Gopakumar, Aleyamma George
BMV, Thiruvankulam -	Deepa P, Reshma Raju
BNV, Velloor -	Anish M N

BHARATIYA VIDYA BHAVAN, KOCHI
STD IX – COMPUTER APPLICATIONS (165)
STD IX- Year Plan 2021-2022

MONTH	UNIT NO.	UNIT NAME
June	Unit 1	Basics of Information Technology
July	Unit 3	Office Tools(Word Processor)
	PERIODIC TEST I	
August	Unit 2	Cyber-safety
September/October	Unit 2,3	Cyber-safety (Conti...) Office Tools(Spreadsheet-1)
	PERIODIC TEST II	
November	Unit 3	Office Tools(Spreadsheet-2)
December	Unit 3	Office Tools(Presentation)
	PERIODIC TEST III	
January/ February	Unit 4	Python
March	FINAL EXAM(THEORY & PRACTICAL)	

List of Teachers attended for Online Scheme of Work Discussion on 18th May 2020

SL.NO	NAME OF THE SCHOOL	NAME OF THE TEACHER
1	BVM, GIRINAGAR	MARY PHILOMINA
2	BVM, ELAMAKKARA	SANGEETA SRINIVAS ANUPAMA USHA
3	BVM, EROOR	SREEDEVI V LIBI MATHAI
4	BAV, KAKKANAD	SUJA A B ANEESHA M R
5	BVV, THRIKKAKARA	SINDHU GOPAKUMAR
6	BMV, THIRUVAMKULAM	DEEPA P, RESHMA RAJU

7	BNV, VELLOOR	ANISH M N
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BHARATIYA VIDYA BHAVAN

YEAR PLAN: (2021-2022)

CLASS: IX

SUBJECT: HOME SCIENCE

MONTH	UNITS	TOPICS
June	I	Concept and scope of Home Science Education and recent trends
July	II	Human growth and development – 1
August	III	PERIODIC ASSESSMENT 1 Family and Values
September	III IV	Family and Values (contd.) Food, Nutrition and Health
October	IV	Food, Nutrition and Health (contd.) PERIODIC ASSESSMENT 2
November	IV V	Food, Nutrition and Health (contd.) Fibre and Fabric
December	V	Fibre and Fabric (contd.) PERIODIC ASSESSMENT 3
January	VI VII	Resource Management Measures of safety and Management of emergencies
February	VII	Measures of safety and Management of emergencies (contd.) REVISION
March		ANNUAL EXAM

BHAVAN'S VIDYA MANDIR,EROOR – Ms Brijula Chandran

BHAVAN'S VIDYA MANDIR,GIRINAGAR – Ms Pushpa Mathew

BHAVAN'S MUNSHI VIDYASHRAM, THIRUVAMKULAM – Ms C K Vineetha

BHAVAN'S VIDYA MANDIR, ELAMAKKARA - Ms Meenakshi Narayanan

BHAVAN'S ADARSHA VIDYALAYA, KAKKANAD - Ms Manju V

BHARATIYA VIDYA BHAVAN, KOCHI**PHYSICS-YEAR PLAN (2021-2022)****Std. IX**

MONTH	UNIT	TOPIC
June	8	Motion.
July	8	Motion (contd...)
	9	Force and laws of motion (upto 9.3)
August	9	PERIODIC TEST –I (CHAPTER 8) (AUG 2 TO 6) Force and laws of motion (Contd..)
September	9	Force and laws of motion (Contd..)
	10	Gravitation (upto 10.5)
October	10	Gravitation [..contd] PERIODIC TEST –II [Ch. 8, 9 and Ch. 10(up to 10.5)] [Oct 18 to 29]
November	11	Work & Energy(upto 11.3)
December	11	Work & Energy (Contd.) PERIODIC TEST –III (Ch. 8, 9 , 10 and 11) [Dec 16 to 22]
January	12	Sound(upto 12.6)
February	12	Sound (Contd.)
March		FINAL EXAMINATION (FULL PORTION) [March 15 to March 25]

	NAME OF THE SCHOOL	NAME OF THE TEACHER
	BVM, ELAMAKKARA	CISMI POULOSE
	BVM, EROOR	JAYAM V
	BVM, GIRINAGAR	LATHA K
	BAV, KAKKANAD	SINDHU T N
	BVV, THRIKKAKARA	SREEJITH C K
	BMV, THIRUVAMKULAM	INDIRA DEVI K K
	BNV, VELLOOR	PREETHA G

BHARATIYA VIDYA BHAVAN, KOCHI
YEAR PLAN 2021-2022
MALAYALAM

STD-IX

MONTH	SL.NO	TOPIC	GRAMMAR/ COMPOSITION	EVALUATION
ജൂൺ	1	അമ്പാടിയിലേക്ക്	പ്രയോഗം മാറ്റുക, പത്രനിപ്പോർട്ട്	
ജൂലൈ	2	രണ്ടു ടാക്സിക്കാർ തേജസ്വിയായ വാഗ്മി(1-5)	അംഗ-അംഗി വാക്യങ്ങൾ, കത്ത് (ഔദ്യോഗികം)	
ആഗസ്റ്റ്	3	വിശ്വം ദീപമയം	ഭാഷാസന്ധി	P 1 (അമ്പാടിയിലേക്ക്, രണ്ടു ടാക്സിക്കാർ, പ്രയോഗം മാറ്റുക, വാക്യപ്രയോഗം, അംഗ-അംഗി വാക്യങ്ങൾ, അവധാരണം, കത്ത്)
സെപ്റ്റംബർ	4	ആർഭാടത്തിൽനിന്ന് ലാളിത്യത്തിലേക്ക്	സംസ്കൃതസന്ധി	
ഒക്ടോബർ	5	വെള്ളച്ചാട്ടത്തിന്റെ ഇടിമുഴക്കം	വിധി- നിഷേധ വാക്യങ്ങൾ	P 2 (വിശ്വം ദീപമയം , ആർഭാടത്തിൽ നിന്ന് ലാളിത്യത്തിലേക്ക്, പ്രയോഗം മാറ്റുക, അംഗ- അംഗി വാക്യങ്ങൾ, വാക്യശുദ്ധി, വാക്യ പ്രയോഗം, വിധിനിഷേധം, പത്രവാർത്ത, അവധാരണം)
നവംബർ	6	കാളുകൾ	സമാസം	

ഡിസംബർ	7	സഫലമീയാത്ര, തേജസ്വിയായ വാഗ്മി(6-10)		P 3 (വെള്ളച്ചാട്ടത്തിന്റെ ഇടിമുഴക്കം,കാളുകൾ, തേജസ്വിയായ വാഗ്മി (1-5) (പ്രയോഗം മാറ്റുക, അംഗ- അംഗി വാക്യങ്ങൾ, വിധിനിഷേധം, അവധാരണം, പത്രവാർത്ത അല്ലെങ്കിൽ കത്ത്)
ജനുവരി	8 9	കൊടിയേറ്റം, അതേ പ്രാർത്ഥന		
ഫെബ്രുവരി	10	ബുദ്ധന്റെ ഉപദേശം		
മാർച്ച്		ആവർത്തന പാഠങ്ങൾ		Annual Exam Topics (1 - 10) തേജസ്വിയായ വാഗ്മി (6-10) (പ്രയോഗം മാറ്റുക, അംഗ-അംഗി വാക്യങ്ങൾ, വാക്യശൃദ്ധി,വാക്യപ്രയോഗം, വിധി-നിഷേധം, പത്രവാർത്ത, അവധാരണം, കത്ത്, സന്ധി
			NAME OF THE TEACHERS-	SCHOOL
			HEMALATHA N	BAV KAKKANAD
			SUSEELA K U	BVM EROOR
			PREETHY P R	BVM ELAMAKKARA
			DEEPA CHANDRAN	BNV VELLOOR
			BINDU S	BVM GIRINAGAR
			SAVITHRY P D	BMV THIRUVAMKULAM
			SANDHYA. T.P	BVV. THRIKKAKARA

BHARATIYA VIDYA BHAVAN ,KOCHI KENDRA

YEAR PLAN 2021-2022

STD IX HINDI- OFFLINE

महीना	गद्य	पद्य	उपाठ	व्याकरण	रचना
जून	दुख का अधिकार	रैदास		शब्द और पद अनुस्वार अनुनासिक ,मुहावरे	अनौपचारिक पत्र
जुलाई	एवरेस्ट: मेरी शिखर यात्रा	अग्नि पथ	गिल्लू	मुहावरे	अपठित गद्यांश
PERIODIC TEST -1 PORTIONS - दुख का अधिकार,रैदास ,अग्नि पथ,गिल्लू, शब्द और पद,अनुस्वार,अनुनासिक,अनौपचारिक पत्र, अपठित गद्यांश					
अगस्त	एवरेस्ट: मेरी शिखर यात्रा			मुहावरे	
सितंबर	तुम कब जाओगे अतिथि		स्मृति	उपसर्ग,प्रत्यय श्रुतिसम भिन्नार्थक शब्द , मुहावरे	नारा लेखन, अनुच्छेद लेखन
अक्टूबर		एक फूल की चाह			
PERIODIC TEST -2 :-PERIODIC TEST -1 PORTIONS + एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, एक फूल की चाह ,स्मृति ,उपसर्ग,प्रत्यय , श्रुतिसम भिन्नार्थक शब्द ,नारा लेखन,अनुच्छेद लेखन।					
नवंबर	धर्म की आड़	आदमी नामा	हामिद खाँ	मुहावरे	संवाद लेखन , पत्र लेखन
दिसंबर		रहीम के दोहे		मुहावरे	संदेश लेखन
PERIODIC TEST 3:-PERIODIC TEST -1+ PERIODIC TEST -2 + धर्म की आड़ ,आदमी नामा, रहीम के दोहे ,हामिद खाँ ,संवाद लेखन ,संदेश लेखन ,पत्र लेखन					
जनवरी	शुक्रतारे के समान	नए इलाके में , खशबू रचते हैं हाथ	दिये जल उठे	अर्थ की दृष्टि से वाक्य रूपांतरण	

फरवरी	पुनरावृत्ति			FINAL EXAMINATION	
NAME OF THE SCHOOL			NAME OF THE TEACHER		
BHAVANS ADARSHA VIDYALAYA,KAKKANAD			SREEKALA B		
BHAVANS MUNSHI VIDYASHRAM,THIRUVAMKULAM			MINI N		
BHAVANS NEWSPRINT VIDYALAYA,VELLOOR			JAYASREE K R		
BHAVANS VIDYA MANDIR GIRINAGAR			SUJA SUDHAKARAN		
BHAVANS VARUNA VIDYALAYA,THRIKKAKARA			MAHESH KUMAR K		
BHAVAN'S VIDYA MANDIR ELAMAKKARA			RAMYA S		
BHAVAN'S VIDYA MANDIR EROOR			RANI JOHN		

BHARATHIYA VIDYA BHAVAN, KOCHI KENDRA
YEAR PLAN STD IX – SOCIAL SCIENCE (2021 – 2022)

MONTH	CHAPTER.	TOPIC
JUNE	GEOGRAPHY	1.INDIA – SIZE AND LOCATION 2.PHYSICAL FEATURES OF INDIA
	ECONOMICS	1.THE STORY OF VILLAGE PALAMPUR
JULY	HISTORY	1.THE FRENCH REVOLUTION
	DEMOCRATIC POLITICS	2. WHAT IS DEMOCRACY? WHY DEMOCRACY?
PERIODIC TEST I		
AUGUST	HISTORY	2. SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION
	DEMOCRATIC POLITICS	3.CONSTITUTIONAL DESIGN
SEPTEMBER	GEOGRAPHY	5. NATURAL VEGETATION AND WILDLIFE
	ECONOMICS	2. PEOPLE AS A RESOURCE
OCTOBER	GEOGRAPHY	3.DRAINAGE
PERIODIC TEST II.		
	DEMOCRATIC POLITICS	4.ELECTORAL POLITICS
NOVEMBER	GEOGRAPHY	4. CLIMATE
	HISTORY	3. NAZISM AND RISE OF HITLER. 5. PASTORALISTS IN THE MODERN WORLD OR 4. FOREST SOCIETY AND COLONIZATION.
DECEMBER	ECONOMICS	3.POVERTY AS A CHALLENGE
PERIODIC TEST III		
JANUARY	DEMOCRATIC POLITICS	5.WORKING OF INSTITUTIONS
	ECONOMICS	6.POPULATION
FEBRUARY	ECONOMICS	4.FOOD SECURITY
	DEMOCRATIC POLITICS	6.DEMOCRATIC RIGHTS
MARCH	FINAL EXAMINATION	

BHARATIYA VIDYA BHAVAN, KOCHI

YEAR PLAN 2021 – 2022

SANSKRIT

STD IX

MONTH	UNIT	TOPIC
JUNE	1	1.भारतीयवसन्तगीतिः।
	2	2. स्वर्णकाकः।
JULY	3	3.गोदोहनम् ।
	4	4.कल्पतरुः
		Periodic Assessment 1 2nd August-6th August Lessons- 1,2,3 and Grammar
AUGUST	6	6. भ्रान्तो बालः।

SEPTEMBER	5	5. सूक्तिमौक्तिकम्
OCTOBER	9	9. सिकतासेतुः
		Periodic Assessment 2 18th October -29th October Lessons- 4,5,6 and Grammar after P1
NOVEMBER	8 11	8. लौहतुला 11. पर्यावरणम्
DECEMBER	10	10. जटायोः शौर्यम्
		Periodic Assessment 3 16th December- 22nd December Lessons -8,9,11 and Grammar
JANUARY		व्याकरणादि कार्याणि ।
FEBRUARY		पुनरावृत्तिः ।
MARCH		FINAL EXAMINATION 15th March – 25th March Full Portions

1.BVM ELAMAKKARA

3.BVM EROOR

5.BVV THRIKKAKARA

7.BNV VELLOOR

2.BVM GIRINAGAR

4.BAV KAKKANAD

6.BMV THIRUVAMKULAM

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA	
SCHEME of WORK - 2021 -22	
CLASS IX - SATTHWA	
MONTH	TOPIC
JUNE (24 days)	Optimism 1. Hope
JULY (24 days)	2. Positive Attitude 3. Determination
AUGUST (15 days)	4. Confidence
SEPTEMBER (23 days)	Team Spirit 1. Cooperation 2. Understanding
OCTOBER (19 days)	3. Sportsman Spirit
NOVEMBER (23 days)	4. Respect
DECEMBER (19 days)	Safety and Security 1. Cyber Safety
JANUARY (22 days)	2. Personal Safety
FEBRUARY (22 days)	3. Anti-bullying 4. Combating Substance Abuse
MARCH (24 days)	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA	
SCHEME of WORK - 2021 -22	
CLASS X - SATTHWA	
MONTH	TOPIC
JUNE (24 days)	Excellence 1. Goal-setting 2. Managing Time
JULY (24 days)	3. Do Your Best 4. Compete with Yourself to Excel
AUGUST (15 days)	Positive Attitude 1. Stress Management
SEPTEMBER (23 days)	2. Resilience 3. Motivation
OCTOBER (19 days)	4. Logical Thinking Accountability 1. Responsibility
NOVEMBER (23 days)	2. Answerability 3. Commitment
DECEMBER (19 days)	4. Trustworthines
JANUARY (22 days)	
FEBRUARY (22 days)	
MARCH (24 days)	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA**SCHEME of WORK - 2021 -22**

NAME OF THE SCHOOL	NAMES OF THE COORDINATORS
BNV, VELLOOR	MEENAKSHI C.G, ANASWARA UDAYAN
BNM, ELAMAKKARA	LIBY P PRASAD, RASHMI P RAJU
BVM, GIRINAGAR	VINEETHA VIJAYAN, SUMA GOPINATH
BVM, EROOR	SILVI LUKOSE, PRIYADARSHINI THOMAS
BVV, THRIKKAKARA	DEVI PRIYA B PILLAI, MAYA MATHEW
BAV, KAKKANAD	JINU K JOY, ANJANA DAS
BMV, THIRUVANKULAM	JALAJA T R, KRISHNAKUMAR M