BISHOP SCOTT BOYS' SCHOOL

(Affiliated to CBSE, New Delhi) Affiliation No.: 330726

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COMMON ACADEMIC PLAN-2020-21

SYLLABUS SPLIT-UP

(REVISED AS PER CBSE CIRCULAR AND NCERT ACADEMIC CALENDAR)

Month	Name of the Chapter with Serial No.	Activities as per the Chapter	Portion for PT/MT/AE
APRIL	Beehive - 1. The fun they had. Moments:- 1. The lost child. Grammar: Active Voices.	1. Write a biography of any Indian musician.	**P.T.- I** **Beehive:** 1. The fun they had **Moments:** 1. The Lost child Reading Grammar, Writing.

MAY	Beehive -
	  The Road Not Taken (poem)
	 Wind (Poem).
	 Moments:-
	  The Adventures of Toto
	 Gr: Article Writing.		

JUNE	Beehive - The Sound Of Music Moments- In The Kingdom of Fools. Grammar- Modals.	Suspense Narrate a story.	**P.T. 1. Beehive -Wind (poem). MOMENTS- In the Kingdom of Fools**
JULY	Beehive- Little Girl. The Rain on the Roof.(Poem) Moments: The Happy Prince. Gram:- Tenses.		
AUGUST	Beehive- A Truly Beautiful Mind A Legend of the Northland (poem) MOMENTS- Weathering the Storm in Ersama. Gr: Sub- Verb- Agreement.		
SEPTEMBER	Beehive -. No men are foreign(Poem). MOMENTS- The Last Leaf.		**MID TERM: All chapters taught till August from both the Books.**
OCTOBER	Beehive- My Childhood. Moments- The Last leaf Grammar - Reported Speech.		
NOVEMBER	Beehive- Packing. On killing a tree.(poem) Moments :- A House is not a home. Grammar:- Conjunction.		**P.T. III- Beehive: My Childhood,The Duck and the Kangaroo. MOMENTS- The Last leaf.**
DECEMBER	Revision. Beehive: Reach for the Top. The Bond of love. Moments: Contd..The Beggar.		
JANUARY	Beehive- The Snake Trying (poem). If I were you. MOMENTS: The Beggar		

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BISHOP SCOTT BOYS' SCHOOL

CLASS: IX   **SUB: HINDI**

COMMON ACADEMIC PLAN- SYLLABUS SPLIT UP (2020-21)

Month	Name of the Chapter with serial No.	Sub-Topics	Activities as per the Chapter	Portion for PT/MT/AE
APRIL	क्षितिज भाग 1 पाठ 1 दो बैलों की कथा पाठ 9 साखियां व्याकरण उपसर्ग ,प्रत्यय अनुच्छेद लेखन, पत्र लेखन			
MAY	पाठ 2 ल्हासा की ओर पाठ 10 वाख अनुच्छेद लेखन			P.T.- I पाठ 1- दो बैलों की कथा पाठ 9-साखियां व्याकरण-उपसर्ग- प्रत्यय
JUNE	पाठ 4 सांवले सपनों की याद पाठ 11सवैये			
JULY	पाठ 11सवैये पाठ 12 कैदी और कोकिला व्याकरण समास अनुच्छेद लेखन पत्र लेखन लघु कथा लेखन, संवाद लेखन			PT-2 पाठ 1 दो बैलों की कथा, पाठ 2 लहासा की ओर पाठ 10 वाख(ललद्यद) व्याकरण समास,अनुच्छेद लेखन ,पत्र लेखन अपठित बोध
AUGUST	पाठ 6प्रेमचंद के फटे जूते कृतिका पाठ 2 मेरे संग की औरतें व्याकरण संवाद लेखन, अनुच्छेद लेखन			

SEPTEMBER	पुनरावृति एवं अभ्यास			MID TERM पाठ 1 दो बैलों की कथा, पाठ-2 लहासा की ओर, पाठ- 4 सांवले सपनों की याद , पाठ 9 साखियां, पाठ 10 वाख, पाठ 11- सवैये, कृतिका- पाठ 2- मेरे संग की औरतें , व्याकरण- उपसर्ग, प्रत्यय , समास, पत्र लेखन, अनुच्छेद , संवाद लेखन , लघु कथा लेखन , अपठित बोध

OCTOBER	कृतिका पाठ 3- रीढकी हड्डी व्याकरण अलंकार , संवाद लेखन,अपठित लेखन			
NOVEMBER	पाठ 17- बच्चे काम पर जा रहे हैं, व्याकरण अर्थ के आधार पर वाक्य भेद, अपठित बोध, पत्र लेखन, निबंध			P.T.- III पाठ 6- प्रेमचंद के फटे जूते कृतिका- पाठ 3 रीढ की हड्डी व्याकरण अलंकार, पत्र लेखन, अनुच्छेद लेखन संवाद लेखन
DECEMBER	कृतिकाभाग 1 पाठ 4- माटी वाली व्याकरण संवाद लेखन, लघु कथा लेखन, पत्र लेखन, अनुच्छेद लेखन			P.T.- IV पाठ 17- बच्चे काम पर जा रहेहैं,कृतिका- पाठ 4-माटी वाली व्याकरण

			अर्थ के आधार पर वाक्य भेद, अलंकार, अनुच्छेद, पत्र लेखन, संवाद लेखन,अपठित बोध
JANUARY		पुनरावृति एवं अभ्यास	
FEBRUARY		पुनरावृति एवं अभ्यास	FINAL TERM संपूर्ण पाठ्यपुस्तक व्याकरण उपसर्ग, प्रत्यय ,अलंकार, समास, वाक्य भेद, अनुच्छेद , पत्र लेखन, संवाद लेखन, लघु कथा लेखन,अपठित बोध

BISHOP SCOTT BOYS' SCHOOL
COMMON ACADEMIC PLAN- SPLIT UP SYLLABUS (SESSION: 2020-21)

CLASS: IX   **SUBJECT: MATHEMATICS**

Month	Name of the Chapter with Serial No.	Sub - Topics	Activities as per the Chapter	Portion for PT/MT/AE
APRIL	1. Number Systems	Introduction * Irrational numbers * Real number and their decimal expansions. *Existance of √x for a given positive real no. x and representation on the number line with geometrical proof. * Rationalisation * Laws of exponents.	To draw square root spiral.	
	2. Polynomials	Introduction * Polynomials in 1 variable * Zero of a polynomial * Degree of a polynomial * Factor theorem * Factorization of polynomials * Algebric Identities.		
MAY & JUNE	3. Co-ordinate Geometry	a. Introduction b.Cartesian system c. Names & Terms associated with the coordinate plane d. Plotting points in the plane	Activity: To locate a point with the help of cartesian plane.	**P.T.- I (APRIL-MAY)** * Number System * Polynomials
	4. Linear euqations in two variables	a. Linear equations b. Solutions of linear equation in '1' variable & '2' variables of type ax+by+c = 0 c. Graph of linear equation in 2 variables d. Problems from real life (Except Problems on Ratio and Proportion)	To obtain linear equation and draw a graph which represents the linear equation.	
JULY	6. Lines and angles	* Basic terms and definitions(linear pair, Adjacent angles) * Pairs of angles Axioms * Parallel lines and transversal Axiom and theorems. *Angle sum property of triangles theorem.	1. To form different angles and measure them 2.To explore the properties of a triangle	**P.T.- II (JULY-AUGUST)** *** Co-ordinate Geometry** *** Linear equation in two variable** *** Lines and Angles**
	7. Triangles	* Congruence of triangles * Criterias for congruence of triangles.(Except A.S.A) * Properties of an isosceles triangle.	* Paper folding Activity based on Incenter, Circumcenter, orthocenter, centroid.	

AUGUST	8. Quadrilaterals	* Angles sum property of quadrilateral * Types of quadrilaterals * Properties of Parallelogram * Conditions for quadrilateral to be a parallelogram. * The Mid-point theorem and its converse.	* By paper folding activity to show that the line segment joining the midpoints of any two sides of a triangle is parallel to the third side and equal to half of it. * By paper folding activity show that the line drawn through the midpoint of one side of a triangle, parallel to another side, bisects the third side.	
	10. Circle	* Circles and its related terms * Angle subtended by a chord at the center. * Perpendicular from the centre to a chord. * Equal chords and its distances from centre. * Angle subtended by an arc of a circle Theorem . * Cyclic quadrilaterals.	Activity: *Equal chords subtending equal angles at the centre of a cricle. * To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it on any point on the remaining part of the circle. * To verify that the sum of either pair of opposite angles of a cyclic quadrilateral is 180 degree.	**Mid Term (SEPTEMBER)** 1- Number System 2. Polynomials 3. Co-ordinate Geometry 4. Linear Equation in two variables 6. Lines and Angles 7. Triangles 8. Quadrilaterals
SEPTEMBER	**REVISION FOR MID TERM**			
OCTOBER	11. Constructions	* Construction of bisectors of line segments and angles of measure $90^0, 60^0, 45^0$ etc. *. Constructin of a triangles given its base sum/ difference of the other two sides and one base angle.		
	12. Heron's formula.	* Areas of triangle using Heron's formula (without proof)		
NOVEMBER	13. Surface areas and volumes	* Surface area and volume of cube, cuboids. * TSA , CSA and volume of right circular cylinders cones,. * TSA , CSA and volume of Cone. * TSA, CSA and volume of hemisphere and sphere.	Activity : To find CSA of cylinder by using a rectangular sheet. Activity : * To Show that vol. of cone = 1/3(vol of cylinder).	**P.T.- III (NOV.-DEC.)** * Heron's formula * Surface Areas and Volumes
	14. Statistics.	* Raw data * Primary, secondary data * Frequency distribution table, Grouped. * Graphical representation of data. * Bar graphs. * Histograms with uniform width	Activity: To represent the data with the help of Bar graphs (single and double)	
	15. Probability	* Random Experiment * Outcomes of an experiment. * Meaning of a trial of an expeiment. * The probability of an event E can be any number from 0 to 1. It can also be 0 or 1 in some special cases.	* Toss a coin 100 times and record your observarions in a table. * Toss two coins simultaneously ten times and record your observations in a table and then find the probabilty of different cases.	
DECEMBER	**REVISION**			**P.T.- IV (JANUARY)** * **Statistics** ***Probability**
JANUARY	**REVISION**			**Annual Exam. (FEB.-MARCH)** As per CBSE Ch - 1 to 15.

COMMON ACADEMIC PLAN - ACADEMIC SPLIT UP (2020-21)

CLASS-IX **SUBJECT-SCIENCE**

Month	Stream	Name of the Chapter with Serial No	Sub-Topics	Practicals as per the Chapter	Portion for PT/MT/AE
April	Physics	CH-08-MOTION	Measurement, Describing motion, Motion along straight line		P.T-I (APRIL-MAY) Ch-5 and 8
	Biology	CH-05-FUNDAMENTAL UNIT OF LIFE	Cell as basic unit of life, prokaryotic cell and eukaryotic cell, multicellular organisms.		
May	Physics	CH-08-MOTION	Distance, Displacement, speed, velocity, acceleration, distance-time graph, velocitytime graph, uniform circular motion		
	Biology	CH-05-FUNDAMENTAL UNIT OF LIFE	cell membrane and cell wall, cell organelles and inclusions, chloroplast, endoplasmic reticulum, chromosomes	Preparation of Stained temporary mounts of onion peel and human cheek cells	
June	Physics	CH-09-FORCE AND LAWS OF MOTION	Definition of force, effects of force, introduction of laws of motion, first law of motion & inertia, Galileo experiment		
	Chemistry	CH-02-IS MATTER AROUND US PURE ?	Elements, compounds and mixtures, heterogeneous and homogeneous mixture	Preparation of: (a) a true solution of common salt, sugar and alum (b) a suspension of soil, chalk powder and fine sand in water	
	Biology	CH-06-TISSUE	Plant tissues	Identification of parenchyma, collenchyma, and sclerenchyma tissues in plants	
July	Physics	CH-09-FORCE AND LAWS OF MOTION	second law of motion, third law of motion and conservation of momentum		P.T-II (JULY-AUGUST) Ch-2,6 and 9
	Chemistry	CH-02-IS MATTER AROUND US PURE ?	Colloids, suspension, seperation methods	1. Preparation of a mixture and a compound. Using iron fillings and sulphur powder and distinguishing between these on the basis of (a) appearance (b) behaviour towards a magnet and effect of heat. 2. Seperation of the components of a mixture of sand, common salt and ammonium chloride.	
	Biology	CH-06-TISSUE	Animal tissues, blood cells	Identification of striped, smooth and cardiac muscles fibres and nerve cells in animals	
August	Physics	CH-10 - GRAVITATION	Universal law of gravitation, Force of gravitaion of the earth, Acceleration due to gravity, mass and weight	Determination of density of solid using spring balance and a measuring cylinder.	
	Chemistry	CH-03-ATOMS AND MOLECULES	laws of chemical combinations, atomic and molecular mass,	Verification of law of conservation of mass in chemical reaction	
September		Revision of Mid -Term	Revision of Mid -Term		Mid-Term (SEPTEMBER)-2,5,6,8,9
October	Physics	CH-11- Work and Energy	Work done by a force, energy, power and conservation of energy		
	Chemistry	CH-03-ATOMS AND MOLECULES	Chemical Formulae, Mole concept	Perform the following reaction and classify them as physical or chemical changes: a) iron with copper sulphate solution in water. b) Burning of magnesium ribbon in air. C) Zinc with dilute sulphuric acid	
	Biology	CH-13-WHY DO WE FALL ILL?	Health and its failure, Infectious and noninfectious diseases		
November	Physics	CH-11- Work and Energy	Work done by a force, energy, power and conservation of energy		P.T - III (NOV.-DEC)-Ch.- 10, 3,13
	Chemistry	CH-04- Structure of atoms	Electrons, Protons and Neutrons		
	Biology	CH-14-NATURAL RESOURCES	Physical Resources, Bio-Geo chemical cycles in nature		
December	Chemistry	CH-04- Structure of atoms	Rutherford's atomic model, Bohr's atomic model, Isotopes and isobars		PT.- IV -Ch.- 4,11,14
Jan – Feb	Physics	Revision for Final exam	Revision for Annual Exam		Final Term 2020-21 Chapters - 2,3,4,5,6,8,9,10,11,13,14
	Chemistry				
	Biology				

COMMON ACADEMIC PLAN - SYLLABUS SPLIT UP (2020-21) CLASS : IX, SUB: COMPUTER

Month	Name of the Chapter with Serial No.	Sub - Topics	Activities as per the Chapter	Portion for PT/MT/AE
APRIL	Ch - 1. Computer System Ch- 2. Input & Output devices	What is Computer Characteristics of a computer Applications of computer Functions of computer CPU & its components Control Unit types of Computer based on configurations Input unit Outpur unit CPU Storage devices	Draw the flow chart diagram of basic organisation of a computer. Flow chart of different types of hardware & classify it in Input, Output & storage devices.	
MAY	Ch - 3. Types of software Ch- 4. Operating system	Software & its types system software Operating system Language processor Utility software Arranging different types of software What is an operating system? Need of the operating system Types of operating system Mobile operating system	Flow diagram of different types of software.	
JUNE	Ch - 5. Working with an operating system. Ch-6. Computer Networking	Icons & its types . File system. View files & folders. Creating a file/folder. Renaming the file/folder. Moving or copying a file/folder. Computer network & its components. Types of network. Network protocols Cloud computing Social networking Data & information Multimedia & its elements.	Students will do practical based on different features of operating system Eg- copying, moving, renaming, etc. Create hierarchy in computer system and different types of protocols.	
JULY	Ch -7. Cyber safety Ch-8. Microsoft word 2010-I	What is cyber safety? Many ways websites track you. Private browsing. Confidentiality of info. Online safety. Cyber crime. Cyber law. Introduction to word processor. Popular word processor. Formatting Marks. Saving a document. Saving a document using password protection.	Create a poster displaying techniques and tools you should used to safe guards yourself and your family from security threats while surfing the Internet. Create a document of different uses of Ms word & apply password in it.	**P.T.- I** **Ch.-1,2, 3, 4, 5,6,7**

AUGUST	Ch -9. Microsoft word 2010-II	Formatting a document. Adding borders to a paragraph or text. Applying page border to a page. Bullets and Numbering. Merging and splitting cells. Converting table to text & converting text to table. Tracking changes .	Design the periodic table of elements. Give a catchy style for the heading. Prepare a score chart of the Indian cricket team players including the score of extras run.	
	Ch-10. Microsoft word 2010-III	Reviewing comments.		
SEPTEMBER	**REVISION**			**MID TERM Ch.- 1 to 10**
October	Ch- 11. Microsoft Powerpoint 2010-I Ch-12. Microsoft Powerpoint 2010-II	Ms powerpoint & its features. Different types of slide layouts. Built - In template . Formatting text. Inserting header & footer using automatic layouts. Using fill effects. Grouping & ungrouping shapes. Applying transitions effects to a slide.	Create a presentation on the topic 'child labour' by adding minimum 6 slides & apply different slide transition effects , animation effects, use reharse timing feature.	
November	Ch-13. Microsoft Excel 2010-I Ch-14. Microsoft Excel 2010-II	Important feature of spreadsheets. Components of worksheets. Creating a new workbook. Renaming / deleting a worksheet. Moving / copying a worksheet. Entering Data in worksheets. Using cell references. Using simple functions. Advanced feature in Excel.	Design a worksheet to display weather report of different cities. Using Max (), Min() function, apply border, change the color, apply different border styles.	**P.T.- II Ch.- 11, 12, 13, 14, 15**
December	Ch-15. Scratch Programming	Components of scratch. Programming in scratch. Using motion block. Playing with cordinates. Changing the back drop of the stage. Controlling actions (construct in scratch) Applying conditions in programming.	Create a scratch project to spread awareness about water conservations. Create a scratch project to spread awareness about recycling - towards an Eco-friendly life.	**Annual Ch.- 1 to 15**

CLASS: IX   SUB: SOCIAL SCI.

Month	Name of the Chapter with Serial No	Sub-Topics	Activities as per the Chapter	Portion for PT/MT/AE
April	History Chapter-1: French revolution	• French society during the late eighteenth century • The outbreak of the revolution • France abolishes monarchy and becomes a republic	• Map work • Project	PT I Civics- Ch 1 Eco- Ch 1 Geo- Ch 1
	Political Science Chapter-2: what is Democracy? Why Democracy?	• What is Democracy? • Features of Democracy • Why Democracy? • Broader meaning of Democracy	Project	
	Geography Chapter-1: India: Size and Location	• Location • Size • India and the world • India's Neighbours	Map work	
May	Economics The story of village Palmpur	• Organization of production • Farming in Palampur • Non-farm activities of Palampur	Role play	
June	Geography Physical features of India	• Major physiographic division	Map work	
July	Political Science Chapter- 2: Constitutional Design	• Democratic constitution in South Africa • Why do we need a Constitution? • Making of the Indian constitution • Guiding values of the Indian constitution		PT II History- Ch 1 Geo- Ch 2 CivicsCh- 2 Eco-Ch 1
	Economics People as a resource	• Economic activities • Quality of population • Unemployment		
August	History	• Social change • Russian Revolution	Map work	

	Socialism in Europe and the Russian Revolution	• October Revolution • USSR		
	Political Science Electoral Politics	• Why elections? • System of elections • What makes elections in India democratic?		
September	Revision			MT Hist- Ch 1 Geo-Ch 1,2 CivicsCh- 1,2,3 Eco-Ch 1,2
October	Geography Climate	• Climatic control • Factors influencing India's climate • The Indian Monsoon • Distribution of rainfall • Monsoon as a unifying bond	Map work	
November	Political Science Working of Institution	• Parliament • Political executive • Judiciary	Project	
	History Nazism and the Rise of Hitler	• Weimar republic • Rise of Hitler • Nazi world wide • Youth in Nazi Germany		
December	Geography Natural vegetation and wildlife	• Factors affecting vegetation • Vegetation types • Wild life • Conservation	Map work	
	Economics Poverty as a challenge	• Poverty estimates • Vulnerable groups • Interstate disparities • Causes of poverty		AE Hist-Ch 1,2,3 Geo-Ch 1,2,4,5 CivicsCh- 1,2,3,4 Eco-Ch 1,2,3
January	Revision			