COLUMBUS PUBLIC SCHOOL, RUDRAPUR

ANNUAL PROGRESSION 2021-22

CLASS: X

SOCIAL SCIENCE

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• The Rise of Nationalism in Europe • Resources and Development	Term I	• PPT on Symbols of Nationalism
MAY	• Power Sharing • Federalism	Term I	• Project work:- EK BHARAT SHRESHT BHARAT
JULY	• Development • Agriculture • Water Resources(only for Map) • / Pre Mid Term Assessment	Term I	• . Debate – Development • . Peer Learning- Agriculture
AUGUST	• Political Parties • Sectors of the Indian Economy • Money and Credit • Minerals and Energy Resources(project)	Term II	• Project Work- Consumer Awareness • Quiz- Heritage Quiz
SEPTEMBER	• Revision / Mid Term Assessment	-	• Map Album Creation
OCTOBER	• Nationalism in India • Outcomes of Democracy • The Age of Industrialisation(project)	Term II	• Survey on Industries
NOVEMBER	• Revision • Globalization and the Indian Economy • Manufacturing Industries	Term II	• Group Discussion- Globalization
DECEMBER	• Term I Board Examination		•
JANUARY	• Post Mid Term Assessment		•
FEBRUARY	• Revision		•
MARCH	• Term II Board Examination		•

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CLASS: X

PHYSICS

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• Light (reflection and Refraction)	Term I	• Find focal length of mirror by using sunlight.
MAY	• Light (reflection and Refraction)	Term I	
JULY	• Excretion/ Pre Mid Term Assessment	Term I	
AUGUST	• Eye and colourful world	Term II	• Experiment based on prism
SEPTEMBER	• Revision / Mid Term Assessment	-	
OCTOBER	• Electric current • Magnetic effect of Electric Current	Term II	• Find resistance of given wire(ohm's law)
NOVEMBER	• Revision		
DECEMBER	• Term I Board Examination		
JANUARY	• Post Mid Term Assessment		
FEBRUARY	• Revision		
MARCH	• Term II Board Examination		

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MATHEMATICS

MONTH	CHAPTER	TERM	ACTIVITIES
APRIL	• Real Numbers • Polynomials • Pair of Linear Equations in two variables	Term I	• To find H.C.F. and L.C.M. by paper cutting and paper pasting. • Graph Activity
MAY	• Quadratic Equations • Arithmetic Progressions • Probability	Term II Term II Term I	• Activities by Paper cutting and pasting
JULY	• Triangles • Coordinate Geometry • Pre-Mid-term Examinations	Term I	• Activities by Paper cutting and pasting
AUGUST	• Introduction to Trigonometry • Areas Related to Circles	Term I	• Proofs of Tables Using Pythagoras and T-Ratios
SEPTEMBER	• Circles • Constructions • Some Applications of Trigonometry	Term II	• Activities by Paper cutting/Folding and pasting
OCTOBER	• Surface Areas and Volumes	Term II	• Suggested Activities to find the volume of a cone/cylinder
NOVEMBER	• Revision		•
DECEMBER	• Term 1 Board Examinations		•
JANUARY	• Revision		• Module making/ Viva
FEBRUARY	• Revision		•
MARCH	• Term II Board Examination		•

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INFORMATION TECHNOLOGY (VOC.)

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• Web Applications and security	Term 2	• Use of Ease of Access centre in windows 10
MAY	• Workplace safety • ICT Skills	Term 2 Term 1	
JULY	• Pre Mid Term Assessment/ Digital Documentation	Term I	• Applying styles in a document • Creating own styles in open office writer • Using templates • Using images • Creating table of content • Creating letters Mail, envelops Using Mail merge
AUGUST	• Electronic Spreadsheets • Database management system	Term 1 Term 1 & 2	• Applying scenarios and goal seek on the given data • Consolidating data • Linking worksheet data • Creating tables in open office base • Use of primary key • Applying sql commands on the table created
SEPTEMBER	• Revision / Mid Term Assessment	-	
OCTOBER	• Communication Skills • Self Management skills	Term 1	
NOVEMBER	• Revision		
DECEMBER	• Term I Board Examination		
JANUARY	• Post Mid Term Assessment / Entrepreneur skills & Green skills	Term 2	
FEBRUARY	• Revision		
MARCH	• Term II Board Examination		

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HINDI

माह	पाठ नाम	सत्र	किया–कलाप
अप्रैल	• कबीर की साखी • बड़े भाई साहब • मीरा के पद	प्रथम	• स्वरचित दोहों का वाचन व भावार्थ। (व्यक्तिगत)
मई	• तताँरा वामीरो कथा • हरिहर काका(संचयन) • पदबंध (व्याकरण)	प्रथम द्वितीय प्रथम	• रूढ़िवादिता समाज के लिए एक अभिशाप। (सामूहिक चर्चा) • धन व जमीन जायदाद आपसी रिश्तों पर पड़ता भारी। (नाट्य मंचन)
जुलाई	• समास (व्याकरण) • विहारी के दोहे • रचना के आधार पर वाक्य	प्रथम प्रथम	• शब्दों की सहायता से समास पहचान। (सामूहिक) • प्राकृतिक त्रासदी पर काल्पनिक कहानी निर्माण। (व्यक्तिगत)
अगस्त	• अब कहाँ दूसरों के दुख से दुखी होने वाले • पर्वत प्रदेश में पावस • मुहावरे • मनुष्यता	प्रथम द्वितीय प्रथम द्वितीय	• मानव द्वारा प्रकृति दोहन के दुश्परिणाम (सामूहिक परिचर्चा) • प्राकृतिक सौंदर्य पर कविता रचना (व्यक्तिगत) • मनुष्यों में बढ़ता मानसिक तनाव (वाद–विवाद, सामूहिक)
सितंबर	• पतझड़ में टूटी पत्तियां • पुनरावृत्ति	प्रथम	• मनुष्यों में बढ़ता मानसिक तनाव (वाद–विवाद, सामूहिक)
अक्टूबर	• कारतूस • कर चले हम फिदा • सपनों के से दिन (संचयन) • टोपी शुक्ला (संचयन)	द्वितीय	• एकांकी मंचन (सामूहिक) • देशभक्ति गीत गायन (व्यक्तिगत) • आपसी सम्बन्ध किसी धर्म विशेष के मोहताज नहीं होते (वाद–विवाद, सामूहिक)
नवंबर	• पुनरावृत्ति • लेखन कौशल (पत्र, अनुच्छेद, लघुकथा, सूचना, विज्ञापन)	प्रथम	
दिसंबर	• पुनरावृत्ति	द्वितीय	
जनवरी	• पुनरावृत्ति	द्वितीय	
फरवरी	• पुनरावृत्ति	द्वितीय	

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ENGLISH

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• A letter to god • Nelson Mandela: Long walk to freedom • Dust of snow (poem) • Fire and ice (poem) • Language • Formal letters • Letter to editor	Term I	• One of the cheapest ways to send money to someone is through the post office. Fill in the Money Order form. • Figure of speech(poetic device)
MAY	• Two stories about flying • His first flight, Black aeroplane • A triump of surgery • Footprints without feet • A tiger in zoo(poem) • Language • Formal letter: • Letter to complaint(official)	Term I	• Group discussion: it refers to a communicative situation that allows its participants to share their views and opinions with other participants. It is a systematic exchange of information, views and opinions about a topic, problem, issue or situation among the members of a group who share some common objectives.
JULY	• From the diary of anne frank • The thief's story • The ball poem(poem) • Language • Modals • Formal letter(order)	Term I/II	• Diary Entry • Debate: A formal discussion on a particular matter.
AUGUST	• The hundred dresses-I and II • Amanda! (poem) • Glimpses of India • A baker from Goa, Coorg, Tea from Assam • Language • Determiners • Reported speech	Term II	• Thinking about language: • Use adjectives describing human qualities. Make web chart regarding positive and negative qualities of a person. • Suggested reading • 'The unexpected' by Ella Edkin
SEPTEMBER	Revision / Mid Term Assessment		

OCTOBER	• The making of a scientiest • The necklace • The sermon at benares • Animals(poem) • The hack driver • Madam rides the bus • Bholi • The proposal • Language • Subject-verb concord • Tenses	Term I/II	• What is a sermon? Is it different from a lecture or a talk? (use of dictionary) • Group discussion: it refers to a communicative situation that allows its participants to share their views and opinions with other participants. It is a systematic exchange of information, views and opinions about a topic, problem, issue or situation among the members of a group who share some common objectives. • You must have travelled by bus more than once. What can you see from a fast-moving bus? Speak briefly about some scenes during your travelling. • Do you think Indians and Russian weddings have any customs in • Common? With the help of a partner, make a chart.
NOVEMBER	• Revision	•	•
DECEMBER	• Term I Board Examination	•	•
JANUARY	• Post Mid Term Assessment	•	•
FEBRUARY	• Revision	•	•
MARCH	• Term II Board Examination	•	•

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BIOLOGY

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• Life Processes: Nutrition in plants &animals • Respiration in plants &animals	Term I	• Demonstration of working of stomata • Demonstration of release of Carbon-di-oxide during respiration
MAY	• Transportation in plants and animals	Term I	• Model making with different things
JULY	• Excretion/ Pre Mid Term Assessment	Term I	• -
AUGUST	• How do organisms reproduce	Term II	• Modes of Reproduction- Binary fission, Budding
SEPTEMBER	• Revision / Mid Term Assessment	-	•
OCTOBER	• Our Environment • Natural Resources	Term II	• Survey on disposal of wastes
NOVEMBER	• Heredity and variations • Revision	Term II	•
DECEMBER	• Term I Board Examination		•
JANUARY	• Post Mid Term Assessment		•
FEBRUARY	• Revision		•
MARCH	• Term II Board Examination		•

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CHEMISTRY

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	• Chemical Reactions And Equations	Term I	• Performing different types of reactions
MAY	• Acids, Bases And Salts	Term I	• Finding pH of various samples • Properties of Acids and Bases
JULY	• Metals and Non Metals/ Pre Mid Term Assessment	Term I	• Displacement Reaction with different Salt solutions
AUGUST	• Carbon And Its Compounds	Term II	
SEPTEMBER	• Revision / Mid Term Assessment		
OCTOBER	• Periodic Classification	Term II	
NOVEMBER	• Revision		
DECEMBER	• Term I Board Examination		
JANUARY	• Post Mid Term Assessment		
FEBRUARY	• Revision		
MARCH	• Term II Board Examination		