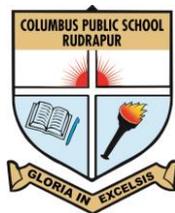


**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**  
**ANNUAL PROGRESSION 2021-22**  
**CLASS: X**  
**SOCIAL SCIENCE**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
<b>APRIL</b>	<ul style="list-style-type: none"> <li>• The Rise of Nationalism in Europe</li> <li>• Resources and Development</li> </ul>	Term I	<ul style="list-style-type: none"> <li>• PPT on Symbols of Nationalism</li> </ul>
<b>MAY</b>	<ul style="list-style-type: none"> <li>• Power Sharing</li> <li>• Federalism</li> </ul>	Term I	<ul style="list-style-type: none"> <li>• Project work:- EK BHARAT SHRESHT BHARAT</li> </ul>
<b>JULY</b>	<ul style="list-style-type: none"> <li>• Development</li> <li>• Agriculture</li> <li>• Water Resources(only for Map)</li> <li>• / Pre Mid Term Assessment</li> </ul>	Term I	<ul style="list-style-type: none"> <li>• . Debate – Development</li> <li>• . Peer Learning- Agriculture</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>• Political Parties</li> <li>• Sectors of the Indian Economy</li> <li>• Money and Credit</li> <li>• Minerals and Energy Resources(project)</li> </ul>	Term II	<ul style="list-style-type: none"> <li>• Project Work- Consumer Awareness</li> <li>• Quiz- Heritage Quiz</li> </ul>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"> <li>• Revision / Mid Term Assessment</li> </ul>	-	<ul style="list-style-type: none"> <li>• Map Album Creation</li> </ul>
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>• Nationalism in India</li> <li>• Outcomes of Democracy</li> <li>• The Age of Industrialisation(project)</li> </ul>	Term II	<ul style="list-style-type: none"> <li>• Survey on Industries</li> </ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>• Revision</li> <li>• Globalization and the Indian Economy</li> <li>• Manufacturing Industries</li> </ul>	Term II	<ul style="list-style-type: none"> <li>• Group Discussion- Globalization</li> </ul>
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>• Term I Board Examination</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>JANUARY</b>	<ul style="list-style-type: none"> <li>• Post Mid Term Assessment</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>FEBRUARY</b>	<ul style="list-style-type: none"> <li>• Revision</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>MARCH</b>	<ul style="list-style-type: none"> <li>• Term II Board Examination</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>



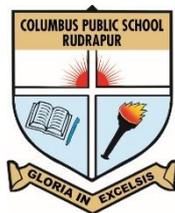
**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**

**ANNUAL PROGRESSION 2021-22**

**CLASS: X**

**PHYSICS**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	<ul style="list-style-type: none"><li>Light (reflection and Refraction)</li></ul>	Term I	<ul style="list-style-type: none"><li>Find focal length of mirror by using sunlight.</li></ul>
MAY	<ul style="list-style-type: none"><li>Light (reflection and Refraction)</li></ul>	Term I	
JULY	<ul style="list-style-type: none"><li>Excretion/ Pre Mid Term Assessment</li></ul>	Term I	
AUGUST	<ul style="list-style-type: none"><li>Eye and colourful world</li></ul>	Term II	<ul style="list-style-type: none"><li>Experiment based on prism</li></ul>
SEPTEMBER	<ul style="list-style-type: none"><li>Revision / Mid Term Assessment</li></ul>	-	
OCTOBER	<ul style="list-style-type: none"><li>Electric current</li><li>Magnetic effect of Electric Current</li></ul>	Term II	<ul style="list-style-type: none"><li>Find resistance of given wire(ohm's law)</li></ul>
NOVEMBER	<ul style="list-style-type: none"><li>Revision</li></ul>		
DECEMBER	<ul style="list-style-type: none"><li>Term I Board Examination</li></ul>		
JANUARY	<ul style="list-style-type: none"><li>Post Mid Term Assessment</li></ul>		
FEBRUARY	<ul style="list-style-type: none"><li>Revision</li></ul>		
MARCH	<ul style="list-style-type: none"><li>Term II Board Examination</li></ul>		



**COLUMBUS PUBLIC SCHOOL, RUDRAPUR  
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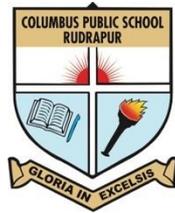
**CLASS: X  
MATHEMATICS**

MONTH	CHAPTER	TERM	ACTIVITIES
<b>APRIL</b>	<ul style="list-style-type: none"> <li>Real Numbers</li> <li>Polynomials</li> <li>Pair of Linear Equations in two variables</li> </ul>	Term I	<ul style="list-style-type: none"> <li>To find H.C.F. and L.C.M. by paper cutting and paper pasting.</li> <li>Graph Activity</li> </ul>
<b>MAY</b>	<ul style="list-style-type: none"> <li>Quadratic Equations</li> <li>Arithmetic Progressions</li> <li>Probability</li> </ul>	Term II Term II Term I	<ul style="list-style-type: none"> <li>Activities by Paper cutting and pasting</li> </ul>
<b>JULY</b>	<ul style="list-style-type: none"> <li>Triangles</li> <li>Coordinate Geometry</li> <li>Pre-Mid-term Examinations</li> </ul>	Term I	<ul style="list-style-type: none"> <li>Activities by Paper cutting and pasting</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>Introduction to Trigonometry</li> <li>Areas Related to Circles</li> </ul>	Term I	<ul style="list-style-type: none"> <li>Proofs of Tables Using Pythagoras and T-Ratios</li> </ul>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"> <li>Circles</li> <li>Constructions</li> <li>Some Applications of Trigonometry</li> </ul>	Term II	<ul style="list-style-type: none"> <li>Activities by Paper cutting/Folding and pasting</li> </ul>
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>Surface Areas and Volumes</li> </ul>	Term II	<ul style="list-style-type: none"> <li>Suggested Activities to find the volume of a cone/cylinder</li> </ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>Term 1 Board Examinations</li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>
<b>JANUARY</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Module making/ Viva</li> </ul>
<b>FEBRUARY</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>
<b>MARCH</b>	<ul style="list-style-type: none"> <li>Term II Board Examination</li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>



**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**  
**ANNUAL PROGRESSION 2021-22**  
**CLASS: X**  
**INFORMATION TECHNOLOGY (VOC.)**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
<b>APRIL</b>	<ul style="list-style-type: none"> <li>Web Applications and security</li> </ul>	Term 2	<ul style="list-style-type: none"> <li>Use of Ease of Access centre in windows 10</li> </ul>
<b>MAY</b>	<ul style="list-style-type: none"> <li>Workplace safety</li> <li>ICT Skills</li> </ul>	Term 2 Term 1	
<b>JULY</b>	<ul style="list-style-type: none"> <li>Pre Mid Term Assessment/ Digital Documentation</li> </ul>	Term I	<ul style="list-style-type: none"> <li>Applying styles in a document</li> <li>Creating own styles in open office writer</li> <li>Using templates</li> <li>Using images</li> <li>Creating table of content</li> <li>Creating letters Mail, envelopes Using Mail merge</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>Electronic Spreadsheets</li> <li>Database management system</li> </ul>	Term 1  Term 1 & 2	<ul style="list-style-type: none"> <li>Applying scenarios and goal seek on the given data</li> <li>Consolidating data</li> <li>Linking worksheet data</li> <li>Creating tables in open office base</li> <li>Use of primary key</li> <li>Applying sql commands on the table created</li> </ul>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"> <li>Revision / Mid Term Assessment</li> </ul>	-	
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>Communication Skills</li> <li>Self Management skills</li> </ul>	Term 1	
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>Term I Board Examination</li> </ul>		
<b>JANUARY</b>	<ul style="list-style-type: none"> <li>Post Mid Term Assessment / Entrepreneur skills &amp; Green skills</li> </ul>	Term 2	
<b>FEBRUARY</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
<b>MARCH</b>	<ul style="list-style-type: none"> <li>Term II Board Examination</li> </ul>		



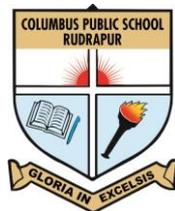
**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**

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**CLASS: X**

**HINDI**

माह	पाठ नाम	सत्र	किया-कलाप
अप्रैल	<ul style="list-style-type: none"> <li>कबीर की साखी</li> <li>बड़े भाई साहब</li> <li>मीरा के पद</li> </ul>	प्रथम	<ul style="list-style-type: none"> <li>स्वरचित दोहों का वाचन व भावार्थ। (व्यक्तिगत)</li> </ul>
मई	<ul style="list-style-type: none"> <li>ततौरा वामीरो कथा</li> <li>हरिहर काका(संचयन)</li> <li>पदबंध (व्याकरण)</li> </ul>	प्रथम द्वितीय प्रथम	<ul style="list-style-type: none"> <li>रूढ़िवादिता समाज के लिए एक अभिशाप। (सामूहिक चर्चा)</li> <li>धन व जमीन जायदाद आपसी रिश्तों पर पड़ता भारी। (नाट्य मंचन)</li> </ul>
जुलाई	<ul style="list-style-type: none"> <li>समास (व्याकरण)</li> <li>विहारी के दोहे</li> <li>रचना के आधार पर वाक्य</li> </ul>	प्रथम प्रथम	<ul style="list-style-type: none"> <li>शब्दों की सहायता से समास पहचान। (सामूहिक)</li> <li>प्राकृतिक त्रासदी पर काल्पनिक कहानी निर्माण। (व्यक्तिगत)</li> </ul>
अगस्त	<ul style="list-style-type: none"> <li>अब कहाँ दूसरों के दुख से दुखी होने वाले</li> <li>पर्वत प्रदेश में पावस</li> <li>मुहावरे</li> <li>मनुष्यता</li> </ul>	प्रथम द्वितीय प्रथम द्वितीय	<ul style="list-style-type: none"> <li>मानव द्वारा प्रकृति दोहन के दुश्परिणाम (सामूहिक परिचर्चा)</li> <li>प्राकृतिक सौंदर्य पर कविता रचना (व्यक्तिगत)</li> <li>मनुष्यों में बढ़ता मानसिक तनाव (वाद-विवाद, सामूहिक)</li> </ul>
सितंबर	<ul style="list-style-type: none"> <li>पतझड़ में टूटी पत्तियां</li> <li>पुनरावृत्ति</li> </ul>	प्रथम	<ul style="list-style-type: none"> <li>मनुष्यों में बढ़ता मानसिक तनाव (वाद-विवाद, सामूहिक)</li> </ul>
अक्टूबर	<ul style="list-style-type: none"> <li>कारतूस</li> <li>कर चले हम फिदा</li> <li>सपनों के से दिन (संचयन)</li> <li>टोपी शुक्ला (संचयन)</li> </ul>	द्वितीय	<ul style="list-style-type: none"> <li>एकांकी मंचन (सामूहिक)</li> <li>देशभक्ति गीत गायन (व्यक्तिगत)</li> <li>आपसी सम्बन्ध किसी धर्म विशेष के मोहताज नहीं होते (वाद-विवाद, सामूहिक)</li> </ul>
नवंबर	<ul style="list-style-type: none"> <li>पुनरावृत्ति</li> <li>लेखन कौशल (पत्र, अनुच्छेद, लघुकथा, सूचना, विज्ञापन)</li> </ul>	प्रथम	
दिसंबर	<ul style="list-style-type: none"> <li>पुनरावृत्ति</li> </ul>	द्वितीय	
जनवरी	<ul style="list-style-type: none"> <li>पुनरावृत्ति</li> </ul>	द्वितीय	
फरवरी	<ul style="list-style-type: none"> <li>पुनरावृत्ति</li> </ul>	द्वितीय	



**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**

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**CLASS: X**

**ENGLISH**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
<b>APRIL</b>	<ul style="list-style-type: none"> <li>• A letter to god</li> <li>• Nelson Mandela: Long walk to freedom</li> <li>• Dust of snow (poem)</li> <li>• Fire and ice (poem)</li> <li>• Language</li> <li>• Formal letters</li> <li>• Letter to editor</li> </ul>	Term I	<ul style="list-style-type: none"> <li>• One of the cheapest ways to send money to someone is through the post office. Fill in the Money Order form.</li> <li>• Figure of speech(poetic device)</li> </ul>
<b>MAY</b>	<ul style="list-style-type: none"> <li>• Two stories about flying</li> <li>• His first flight, Black aeroplane</li> <li>• A triumph of surgery</li> <li>• Footprints without feet</li> <li>• A tiger in zoo(poem)</li> <li>• Language</li> <li>• Formal letter:</li> <li>• Letter to complaint(official)</li> </ul>	Term I	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
<b>JULY</b>	<ul style="list-style-type: none"> <li>• From the diary of anne frank</li> <li>• The thief's story</li> <li>• The ball poem(poem)</li> <li>• Language</li> <li>• Modals</li> <li>• Formal letter(order)</li> </ul>	Term I/II	<ul style="list-style-type: none"> <li>• Diary Entry</li> <li>• Debate: A formal discussion on a particular matter.</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>• The hundred dresses-I and II</li> <li>• Amanda! (poem)</li> <li>• Glimpses of India</li> <li>• A baker from Goa, Coorg, Tea from Assam</li> <li>• Language</li> <li>• Determiners</li> <li>• Reported speech</li> </ul>	Term II	<ul style="list-style-type: none"> <li>• Thinking about language:</li> <li>• Use adjectives describing human qualities. Make web chart regarding positive and negative qualities of a person.</li> <li>• Suggested reading</li> <li>• 'The unexpected' by Ella Edkin</li> </ul>
<b>SEPTEMBER</b>	Revision / Mid Term Assessment		

<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>• The making of a scientiest</li> <li>• The necklace</li> <li>• The sermon at benares</li> <li>• Animals(poem)</li> <li>• The hack driver</li> <li>• Madam rides the bus</li> <li>• Bholi</li> <li>• The proposal</li> <li>• Language</li> <li>• Subject-verb concord</li> <li>• Tenses</li> </ul>	Term I/II	<ul style="list-style-type: none"> <li>• What is a sermon? Is it different from a lecture or a talk? (use of dictionary)</li> <li>• 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.</li> <li>• 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.</li> <li>• Do you think Indians and Russian weddings have any customs in common? With the help of a partner, make a chart.</li> </ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>• Revision</li> </ul>	•	•
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>• Term I Board Examination</li> </ul>	•	•
<b>JANUARY</b>	<ul style="list-style-type: none"> <li>• Post Mid Term Assessment</li> </ul>	•	•
<b>FEBRUARY</b>	<ul style="list-style-type: none"> <li>• Revision</li> </ul>	•	•
<b>MARCH</b>	<ul style="list-style-type: none"> <li>• Term II Board Examination</li> </ul>	•	•



**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**

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**CLASS: X**

**BIOLOGY**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
<b>APRIL</b>	<ul style="list-style-type: none"> <li>Life Processes: Nutrition in plants &amp; animals</li> <li>Respiration in plants &amp; animals</li> </ul>	Term I	<ul style="list-style-type: none"> <li>Demonstration of working of stomata</li> <li>Demonstration of release of Carbon-di-oxide during respiration</li> </ul>
<b>MAY</b>	<ul style="list-style-type: none"> <li>Transportation in plants and animals</li> </ul>	Term I	<ul style="list-style-type: none"> <li>Model making with different things</li> </ul>
<b>JULY</b>	<ul style="list-style-type: none"> <li>Excretion/ Pre Mid Term Assessment</li> </ul>	Term I	<ul style="list-style-type: none"> <li>-</li> </ul>
<b>AUGUST</b>	<ul style="list-style-type: none"> <li>How do organisms reproduce</li> </ul>	Term II	<ul style="list-style-type: none"> <li>Modes of Reproduction- Binary fission, Budding</li> </ul>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"> <li>Revision / Mid Term Assessment</li> </ul>	-	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>Our Environment</li> <li>Natural Resources</li> </ul>	Term II	<ul style="list-style-type: none"> <li>Survey on disposal of wastes</li> </ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"> <li>Heredity and variations</li> <li>Revision</li> </ul>	Term II	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>DECEMBER</b>	<ul style="list-style-type: none"> <li>Term I Board Examination</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>JANUARY</b>	<ul style="list-style-type: none"> <li>Post Mid Term Assessment</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>FEBRUARY</b>	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>
<b>MARCH</b>	<ul style="list-style-type: none"> <li>Term II Board Examination</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>



**COLUMBUS PUBLIC SCHOOL, RUDRAPUR**

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**CLASS: X  
CHEMISTRY**

MONTH	CHAPTER	TERM	ACTIVITIES /PRACTICALS
APRIL	<ul style="list-style-type: none"><li>Chemical Reactions And Equations</li></ul>	Term I	<ul style="list-style-type: none"><li>Performing different types of reactions</li></ul>
MAY	<ul style="list-style-type: none"><li>Acids, Bases And Salts</li></ul>	Term I	<ul style="list-style-type: none"><li>Finding pH of various samples</li><li>Properties of Acids and Bases</li></ul>
JULY	<ul style="list-style-type: none"><li>Metals and Non Metals/ Pre Mid Term Assessment</li></ul>	Term I	<ul style="list-style-type: none"><li>Displacement Reaction with different Salt solutions</li></ul>
AUGUST	<ul style="list-style-type: none"><li>Carbon And Its Compounds</li></ul>	Term II	
SEPTEMBER	<ul style="list-style-type: none"><li>Revision / Mid Term Assessment</li></ul>		
OCTOBER	<ul style="list-style-type: none"><li>Periodic Classification</li></ul>	Term II	
NOVEMBER	<ul style="list-style-type: none"><li>Revision</li></ul>		
DECEMBER	<ul style="list-style-type: none"><li>Term I Board Examination</li></ul>		
JANUARY	<ul style="list-style-type: none"><li>Post Mid Term Assessment</li></ul>		
FEBRUARY	<ul style="list-style-type: none"><li>Revision</li></ul>		
MARCH	<ul style="list-style-type: none"><li>Term II Board Examination</li></ul>		