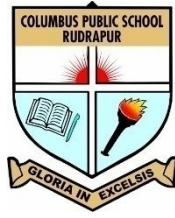


COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
SCIENCE

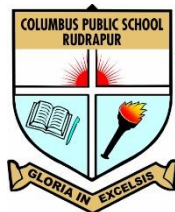
MONTH	CHAPTER	ACTIVITY
APRIL	<ul style="list-style-type: none"> Nutrition in plants 	<ul style="list-style-type: none"> To test the presence of starch in leaves. To show that photosynthesis takes place only in green portion of plants.
	<ul style="list-style-type: none"> Nutrition in animals 	<ul style="list-style-type: none"> To observe the effect of saliva on food. To observe the permanent slide of amoeba. Role play with children.
MAY	<ul style="list-style-type: none"> Fibre to fabric 	<ul style="list-style-type: none"> To collect the pictures and samples of animals and plants from which fibre is produced. Paste samples of fibres in the notebook. To identify different types of silk by their texture and Lusture.
	<ul style="list-style-type: none"> Heat 	<ul style="list-style-type: none"> To give a reliable judgement about the hotness and coldness of a body. To measure the temperature of water using laboratory thermometer. To show the transfer of heat by conduction and convection. To show that black bodies are better heat absorbers and radiators than the white bodies.
JULY	<ul style="list-style-type: none"> Acids bases and salts 	<ul style="list-style-type: none"> To test the effect of acidic and basic solutions on given litmus paper. To demonstrate the neutralisation reaction.
	<ul style="list-style-type: none"> Physical and chemical changes 	<ul style="list-style-type: none"> To study the burning of a magnesium ribbon. To obtain the crystals of copper sulphate from its saturated solution.
	<ul style="list-style-type: none"> Soil 	<ul style="list-style-type: none"> To determine the percolation rate of water. To study the water retention capacity of various soils. To observe the presence of moisture in a soil sample.
AUGUST	<ul style="list-style-type: none"> Weather, climate and adaptations of animals to climate 	<ul style="list-style-type: none"> To observe the change in daily weather for one week.
	<ul style="list-style-type: none"> Respiration in organisms 	<ul style="list-style-type: none"> To measure the change in size of chest during breathing. To make a model and demonstrate the mechanism of breathing. To show that exhaled air contains CO₂.
	<ul style="list-style-type: none"> Transportation in animals and plants 	<ul style="list-style-type: none"> To make a model of stethoscope. To find the pulse rate at rest and after exercise.

SEPTEMBER	<ul style="list-style-type: none"> • Reproduction in plants 	<ul style="list-style-type: none"> • To observe budding in yeast. • To observe spores in Rhizopus. • To grow a new plant from a modified underground stem. • To observe the reproductive parts of a flower.
	<ul style="list-style-type: none"> • Revision/ Half Yearly Examination 	
OCTOBER	<ul style="list-style-type: none"> • Winds, storms and cyclones 	<ul style="list-style-type: none"> • To show that air exerts pressure. • To show that air expands on heating.
	<ul style="list-style-type: none"> • Motion and time 	<ul style="list-style-type: none"> • To find the time period of a simple pendulum.
	<ul style="list-style-type: none"> • Electric current and its effects 	<ul style="list-style-type: none"> • To observe the heating effect of electric current. • To observe the magnetic effect of electric current. • To make an electromagnet. •
NOVEMBER	<ul style="list-style-type: none"> • Light 	<ul style="list-style-type: none"> • To show light travels in a straight line. • To study the features of image formed by plane mirrors. • To study the nature of image formed by concave and convex mirror. • To show the phenomena of dispersion of light. • To construct Newton's disc.
DECEMBER	<ul style="list-style-type: none"> • Water a precious resource 	<ul style="list-style-type: none"> • To construct a model of rain water harvesting. • Study of water cycle.
	<ul style="list-style-type: none"> • Forest-our lifeline 	<ul style="list-style-type: none"> • To watch the trees around and nearby park in your home and find out their common and local name. • To observe the characteristics (height, types of leaves, shape of crown) of different trees.
JANUARY	<ul style="list-style-type: none"> • Waste water story 	<ul style="list-style-type: none"> • To conduct a contaminant survey in an open drain/ manhole in nearby area. • To understand the process of filtration in a WWTP.
FEBRUARY	<ul style="list-style-type: none"> • Revision 	
MARCH	<ul style="list-style-type: none"> • Revision/Annual Examination 	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
SANSKRIT

माह	प्रकरण	क्रियात्मक गतिविधि
अप्रैल	<ul style="list-style-type: none">सुभाषितानि पाठदुर्बुद्धिः विनश्यति	<ul style="list-style-type: none">तीनों लिंगों के बारे में जानेंगेकहानी निर्माण काल्पनिक विधि द्वारा
मई	<ul style="list-style-type: none">स्वालम्बनम्हास्य बाल कवि सम्मेलनम्	<ul style="list-style-type: none">संस्कृत में समय का ज्ञानआशु कविता का निर्माण करने जानेंगे
जुलाई	<ul style="list-style-type: none">पण्डिता रमाबाईसदाचारः	<ul style="list-style-type: none">पण्डिता रमाबाई के जीवन के बारे में परिचर्चावृत्तचित्र के माध्यम से वाक्य निर्माण
अगस्त	<ul style="list-style-type: none">सकल्पः सिद्धिदायकःत्रिवर्णः ध्वजः	<ul style="list-style-type: none">धातु रूप का ज्ञानराष्ट्रध्वज के बारे में जानेंगे
सितंबर	<ul style="list-style-type: none">पुनरावृत्ति / अर्द्धवार्षिक परीक्षा	
अक्टूबर	<ul style="list-style-type: none">अहमपि विद्यालयं गमिष्यामिविश्वबन्धुत्वम्	<ul style="list-style-type: none">बेटी बचाओ बेटी पढ़ाओ विषय पर परिचर्चा विभक्ति के प्रयोग से वाक्य निर्माण करना जानेंगे
नवंबर	<ul style="list-style-type: none">समवायो हि दुर्जयःविद्याधनम्	<ul style="list-style-type: none">भूतकाल क्रिया से वाक्य निर्माण का ज्ञानविद्या के महत्व के बारे में परिचर्चा
दिसंबर	<ul style="list-style-type: none">अमृतं संस्कृतम्	<ul style="list-style-type: none">चित्र वर्णन करना सीखेंगेविभक्ति परिवर्तन जानेंगे
जनवरी	<ul style="list-style-type: none">अनारिकायाः जिज्ञासा	<ul style="list-style-type: none">चित्र वर्णन करना सीखेंगेविभक्ति परिवर्तन जानेंगे
फरवरी	<ul style="list-style-type: none">पुनरावृत्ति	
मार्च	<ul style="list-style-type: none">अभ्यास कार्य / वार्षिक परीक्षा	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
MATHEMATICS

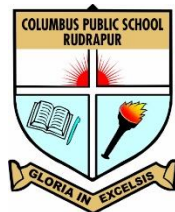
MONTH	CHAPTER	ACTIVITY
APRIL	<ul style="list-style-type: none"> Integers Fraction and Decimals 	<ul style="list-style-type: none"> Operations of integers on a no. line. Paper cutting activity or Shading
MAY	<ul style="list-style-type: none"> Data Handling Simple Equations 	<ul style="list-style-type: none"> To do a survey and prepare a bar graph
JULY	<ul style="list-style-type: none"> Lines and Angles Triangles and its Properties 	<ul style="list-style-type: none"> Corresponding angles and alternate angles using ruled sheet.
AUGUST	<ul style="list-style-type: none"> Congruency of Triangles Comparing Quantities 	<ul style="list-style-type: none"> Angle sum property of triangle
SEPTEMBER	<ul style="list-style-type: none"> Revision / Half Yearly Exams 	
OCTOBER	<ul style="list-style-type: none"> Rational Numbers Practical Geometry 	<ul style="list-style-type: none"> Representation on a number line
NOVEMBER	<ul style="list-style-type: none"> Perimeter and Area Algebraic Expressions 	<ul style="list-style-type: none"> Find the perimeter of the given shape. Regular as well as Irregular. Area of Circle by paper cutting and pasting
DECEMBER	<ul style="list-style-type: none"> Exponents and Power Symmetry 	<ul style="list-style-type: none"> Finding the line of symmetry in different Triangles
JANUARY	<ul style="list-style-type: none"> Visualizing Solid Shapes 	<ul style="list-style-type: none"> Net diagrams
FEBRUARY	<ul style="list-style-type: none"> Revision 	
MARCH	<ul style="list-style-type: none"> Revision / Annual Examination 	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
HINDI

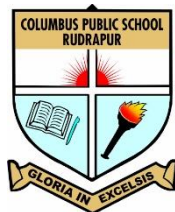
माह	पाठ का नाम	क्रियात्मक गतिविधि
अप्रैल	<ul style="list-style-type: none">हम पंछी उन्मुक्त गगन केदादी माँभाषा, वर्ण विचारमहाभारत, भीष्म प्रतिज्ञा	<ul style="list-style-type: none">पक्षियों से सम्बन्धित कविता रचना
मई	<ul style="list-style-type: none">हिमालय की बेटियाँविदूर, कुंती, कर्ण, द्रोणाचार्यअनुच्छेद लेखनकाल, वचन	<ul style="list-style-type: none">राज्य में बहने वाली नदियाँ संबंधी क्रियाकलापमहाभारत के पात्रों से संबंधी रचनात्मक क्रियाकलाप
जुलाई	<ul style="list-style-type: none">कठपुतलीमिठाई वालाशब्द विचार, शब्द भंडारसंज्ञा, सर्वनाम के भेदउपसर्ग, प्रत्यय	<ul style="list-style-type: none">रचनात्मक क्रियाकलाप, विषय संबंधी क्रियाकलापउदाहरणों द्वारा सर्वनाम के भेदों का ज्ञान मौखिक क्रियाकलाप
अगस्त	<ul style="list-style-type: none">रक्त और हमारा शरीरपापा खो गयेसमास, संधि, विकारी शब्दपांडवों की रक्षा, जरासंध, भीम और हनुमान	<ul style="list-style-type: none">रचनात्मक क्रियाकलापसंवाद लेखन मौखिक क्रियाकलाप
सितम्बर	<ul style="list-style-type: none">पुनरावृत्ति / अर्द्धवार्षिक परीक्षा	
अक्टूबर	<ul style="list-style-type: none">शाम-एक किसानचिड़िया की बच्चीलिंगअविकारी शब्द, कारक, अशुद्धि संशोधनमायावी सरोवर, यक्ष प्रश्न, विराट भ्रम	<ul style="list-style-type: none">विकारी, अविकारी शब्दों पर रचनात्मक क्रियाकलापलिंग की पहचान मौखिक क्रियाकलाप
नवम्बर	<ul style="list-style-type: none">अपूर्व अनुभवरहीम के दोहेपद परिचयशांतिदूत श्री कृष्ण, युद्ध का बारहवाँ दिन	<ul style="list-style-type: none">स्वयं निर्मित दोहे
दिसम्बर	<ul style="list-style-type: none">कंचाएक तिनकाखानपान की बदलती तसवीरविराम चिह्न, वाच्य	<ul style="list-style-type: none">मिष्ठान संबंधी क्रियाकलाप

जनवरी	<ul style="list-style-type: none"> ● नीलकण्ठ ● भोर और बरखा ● वीर कुँवर सिंह ● वाक्य विचार ● अभिमन्यु, अश्वत्थामा ● चित्र लेखन 	<ul style="list-style-type: none"> ● रचनात्मक क्रियाकलाप, विषय संबंधी क्रियाकलाप
फरवरी	<ul style="list-style-type: none"> ● धनराज ● अशुद्धि संशोधन ● मुहावरें व लोकोक्तियाँ 	<ul style="list-style-type: none"> ● मौखिक क्रियाकलाप
मार्च	<ul style="list-style-type: none"> ● अभ्यास कार्य / वार्षिक परीक्षा 	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
COMPUTER

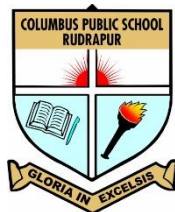
MONTH	CHAPTER	ACTIVITY
APRIL	<ul style="list-style-type: none"> Number System 	
MAY	<ul style="list-style-type: none"> Using Excel as a database 	<ul style="list-style-type: none"> How to use forms in Excel Sorting and filtering option Adding Subtotal in database Using advanced filter and data validation Analyzing data with pivot table
JULY	<ul style="list-style-type: none"> Advanced features of Excel Log on to Animate CC 	<ul style="list-style-type: none"> Working with charts in excel Formatting charts Combo chart and sparklines Using goal seek Setting document properties Applying gradient fill Editing objects Importing graphics Creating a simple text shape tween Applying filters to text Animating filtered text
AUGUST	<ul style="list-style-type: none"> Working with layers Employability Skill (Entrepreneurship Skills) 	<ul style="list-style-type: none"> Working with layers Using masking Rotation with masking effects Onion skinning
SEPTEMBER	<ul style="list-style-type: none"> Revision / Half Yearly Examination 	
OCTOBER	<ul style="list-style-type: none"> More on Python 	<ul style="list-style-type: none"> Conditional statements in python Types of control statements Conditional statements
NOVEMBER	<ul style="list-style-type: none"> Introduction to HTML 5 	<ul style="list-style-type: none"> Creating an HTML document Heading, paragraph, line break elements HR, comment, Bold and Italic CSS and Methods of Applying CSS Background Properties
DECEMBER	<ul style="list-style-type: none"> More on CSS3 	<ul style="list-style-type: none"> Inline style Text, Font, Margin and Border Properties
JANUARY	<ul style="list-style-type: none"> Cyber tools 	<ul style="list-style-type: none"> Showing how to use Social Networking sites How to use Google drive, One drive, You tube, and Google maps
FEBRUARY	<ul style="list-style-type: none"> Cyber threats and security Employability Skill (Entrepreneurship Skills) 	
MARCH	<ul style="list-style-type: none"> Revision / Annual Examination 	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
ENGLISH

MONTH	TOPIC	ACTIVITY
APRIL	HONEYCOMB- <ul style="list-style-type: none"> • Three Questions SUPPLEMENTARY- <ul style="list-style-type: none"> • The Tiny Teacher GRAMMAR <ul style="list-style-type: none"> • Sentences • Comprehension 	<ul style="list-style-type: none"> • Dictation • Speaking Activity
MAY	HONEYCOMB- <ul style="list-style-type: none"> • The Squirrel (P) SUPPLEMENTARY- <ul style="list-style-type: none"> • Bringing up Kari GRAMMAR <ul style="list-style-type: none"> • Transformation of Sentences • Notice Writing 	<ul style="list-style-type: none"> • Drawing picture • 2. Speaking the sentences clearly and quickly
JULY	HONEYCOMB- <ul style="list-style-type: none"> • A Gift of Chappals • The Rebels (P) SUPPLEMENTARY- <ul style="list-style-type: none"> • The Desert GRAMMAR <ul style="list-style-type: none"> • Nouns • Biographical Sketches 	<ul style="list-style-type: none"> • Picture Reading
AUGUST	HONEYCOMB- <ul style="list-style-type: none"> • Gopal and the Hilsa fish • The shed(P) • The Ashes that made Trees Bloom • Chivvy (P) SUPPLEMENTARY- <ul style="list-style-type: none"> • The cop and the Anthem GRAMMAR <ul style="list-style-type: none"> • Verbs • Pronouns • Prepositions • Letter Writing • Story Writing 	<ul style="list-style-type: none"> • Story Writing
SEPTEMBER	HONEYCOMB- <ul style="list-style-type: none"> • Quality • Trees (P) GRAMMAR <ul style="list-style-type: none"> • Synonyms and Antonyms • Revision /Half Yearly Examination 	

<p>OCTOBER</p>	<p>HONEYCOMB-</p> <ul style="list-style-type: none"> • Expert Detectives • Mystery of the Talking fan(P) <p>SUPPLEMENTARY-</p> <ul style="list-style-type: none"> • Golu Grows a Nose • I want something in cage <p>GRAMMAR</p> <ul style="list-style-type: none"> • Phrases • Clauses • Diary Writing 	<ul style="list-style-type: none"> • Role play • Conducting a survey
<p>NOVEMBER</p>	<p>HONEYCOMB-</p> <ul style="list-style-type: none"> • The Invention of Vita wonk • Dad and the cat and the tree (P) • Fire: Friend and Foe • Meadow surprised (P) <p>SUPPLEMENTARY-</p> <ul style="list-style-type: none"> • Chandani <p>GRAMMAR</p> <ul style="list-style-type: none"> • Sentences-simple, compound and complex • Active and passive voice Homophones 	<ul style="list-style-type: none"> • Conducting a survey • Composing short poem
<p>DECEMBER</p>	<p>HONEYCOMB-</p> <ul style="list-style-type: none"> • A Bicycle in Good repair • Garden snake(P) <p>SUPPLEMENTARY-</p> <ul style="list-style-type: none"> • The Bear Story <p>GRAMMAR</p> <ul style="list-style-type: none"> • Adverbs and Degree of Comparison • Conjunctions • Direct and Indirect speech • Posters and Slogans 	<ul style="list-style-type: none"> • Speaking Activity • Making recipe
<p>JANUARY</p>	<p>HONEYCOMB-</p> <ul style="list-style-type: none"> • The story of Cricket <p>SUPPLEMENTARY-</p> <ul style="list-style-type: none"> • A Tiger in the house <p>GRAMMAR</p> <ul style="list-style-type: none"> • Question tags • Punctuation Marks • Editing 	<ul style="list-style-type: none"> • Word search activity
<p>FEBRUARY</p>	<p>SUPPLEMENTARY-</p> <ul style="list-style-type: none"> • An Alien hand <p>REVISION</p> <ul style="list-style-type: none"> • Grammar 	
<p>MARCH</p>	<ul style="list-style-type: none"> • Revision /Annual Examination 	



COLUMBUS PUBLIC SCHOOL, RUDRAPUR
ANNUAL PROGRESSION 2021-22
CLASS – VII
SOCIAL SCIENCE

MONTH	TOPIC	ACTIVITY
APRIL	History <ul style="list-style-type: none"> Tracing changes through a thousand year. Geography <ul style="list-style-type: none"> Environment 	<ul style="list-style-type: none"> Map pointing Poster making Drawing relevant pictures.
MAY	History <ul style="list-style-type: none"> New kings and kingdoms. Civics <ul style="list-style-type: none"> On equality 	<ul style="list-style-type: none"> Poster making on articles.
JULY	History <ul style="list-style-type: none"> The Mughal empire Geography <ul style="list-style-type: none"> Inside the Earth Civics <ul style="list-style-type: none"> How state government works. 	<ul style="list-style-type: none"> PPT making. Manuscript making.
AUGUST	History <ul style="list-style-type: none"> Delhi sultan's Geography Our changing Earth Civics <ul style="list-style-type: none"> Role of government in health. Growing up boys and girls. 	<ul style="list-style-type: none"> Role play Drawing relevant pictures.
SEPTEMBER	History <ul style="list-style-type: none"> Rulers and building towns, traders and craftsman. Civics <ul style="list-style-type: none"> Women change the world. Understanding media Revision / Half Yearly Examination	<ul style="list-style-type: none"> Painting Poster Clay pots making
OCTOBER	History <ul style="list-style-type: none"> Tribes, nomads and settled communities. Geography <ul style="list-style-type: none"> Air/Water Civics <ul style="list-style-type: none"> Understanding advertisement, Markets around us. 	<ul style="list-style-type: none"> Weather calendar Poster making

NOVEMBER	<p>History</p> <ul style="list-style-type: none"> • Devotional paths to the divine. <p>Geography</p> <ul style="list-style-type: none"> • Natural vegetation and wildlife. <p>Civics</p> <ul style="list-style-type: none"> • A shirt in the market. 	<ul style="list-style-type: none"> • Chart making
DECEMBER	<p>History</p> <ul style="list-style-type: none"> • Making of regional cultures <p>Geography</p> <ul style="list-style-type: none"> • Human environment <p>Civics</p> <ul style="list-style-type: none"> • Struggle for equality 	<ul style="list-style-type: none"> • Role play
JANUARY	<p>History</p> <ul style="list-style-type: none"> • Eighteenth century ...political formations <p>Geography</p> <ul style="list-style-type: none"> • Life in temperate grassland and deserts 	<ul style="list-style-type: none"> • Virtual Assembly and debate
FEBRUARY	<ul style="list-style-type: none"> • Revision 	
MARCH	<ul style="list-style-type: none"> • Revision /Annual Examination 	