



DR. BRIJ KISHORI DUBEY MEMORIAL SCHOOL
PROJECT WORK (2026-27)
CLASS-IX

Chemistry	<p>The Periodic Table Dobereiner's triads Newland's Law of Octaves, Mendeleev's contribution ; Modern Periodic Law , the Modern Periodic Table. (Groups and periods) - General idea of Dobereiner's triads Newland's law of Octaves ,Mendeleev's periodic law. - Discovery of Atomic Number and its use as a basis for Modern Periodic law. - Modern Periodic Table (Groups 1 to 18 and periods 1 to 7) -</p>
Physics	<p>Without sound we cannot communicate How does sound propagate in a medium? Explain with the help of an illustrated experiment. Write about Reflection of sound with examples and diagrams. Discuss vibrations and its types. OR Measure the length, breadth and thickness of a glass block using a metre rule (each reading correct to a mm), taking the mean of three readings in each case. Calculate the volume of the block in cm³ and m³ . Determine the mass (not weight) of the block using any convenient balance in g and kg. Calculate the density of glass in cgs and SI units using mass and volume in the respective units. Obtain the relation between the two density units</p>
Physical Education	<p>Prepare a project file on Cricket under following headings. - Rules of the game - Equipments and Safety Gears used in the game - Four National and International Player's name - Four stadiums on National & international level - Four Fundamental skill of the Game Four National and International tournaments.</p>
Biology	<p>Digestive System a) Introduction b) Structure of Alimentary canal c) Function of Alimentary canal d) Process of Nutrition OR Respiration in plants</p>
Dietetic Aide	<ul style="list-style-type: none"> • Organizational chart of the Dietetics Department. • Functions of the Dietetics Department.
Geography	<p>Collect information on global environmental issues and problems and communicate your finding through appropriate modes (Posters ,charts ,collages ,cartoon ,handouts ,essays ,street plays and PowerPoint presentation)</p>
History/Civics	<p>History Make a pictorial presentation of inventions and innovations as a result of industrial revolution. Civics Local self governing institutions (Rural and Urban)- (Both of these have to be done in a single project file. The content must be written in the form of paragraphs.)</p>
English Literature	<p>Play- Julius Ceasar – Write the character Sketch of the main characters of the play Prose – Write the summary of story 'Bonku Babu's Friend' – write the character sketch of Bonku Babu Poetry – Write the message and the themes of the poem 'A Work of artifice'</p>
English Language	<p>Composition (1) Write an original short story entitled: "Lost and Found". (2) 'Democracy cannot survive without education'. Express your views either for or against this statement. Letter (1) Your friend has been sick and has been unable to attend school for two weeks. An interschool drama competition took place during this period. Write a letter to your friend telling him/her about the event and your role in it. (1) You have accidentally left your suitcase behind when you got off the train. You only realised it after the train left the platform. Write a letter to the Station Master reporting your loss and request that the suitcase be located and kept till you claim it</p>

	<p>Notice Writing You are the President of a children's club in your locality. You and your team are planning to organize a programme to celebrate Teachers Day. Write a notice to be put up in the local Supermarket</p>
Commerce	<p>Social responsibility of commercial organizations towards the Environment –</p> <ul style="list-style-type: none"> - E – Waste Management - Recycling - Afforestation - Eco - friendly products <p>Legal Compliance of Environmental Norms</p>
Maths	Types of Triangle and describe the properties of Triangle. Do Chapter test of ch-3, ch-2
Hindi	<p>ओपचारिक पत्र - अपने प्रदेश के मुख्यमंत्री को पत्र लिखकर अपने सहपाठी की बहादुरी से अवगत कराते हुए उनसे प्रार्थना करे कि इस वीरता के लिए उसे सरकार की ओर से पुरस्कृत किया जाए। अथवा अनौपचारिक पत्र - आप किसी रेस्तरा मे अपने पसंदीदा खिलाड़ी के साथ समय बिताकर आए है। अपने मित्र को पत्र लिखकर इस यादगार पल के बारे मे बताये। निबंध - " अब पछताए होत क्या जब चिड़िया चुग गई खेत " लोकोक्ति के आधार पर एक कहानी लिखिए । अथवा "मेला भारतीय संस्कृति का प्रतीक है" किसी मेले का आँखों देखा वर्णन कीजिए । संछिप्त कहानियां – "बात अठन्नी की " कहानी का सारांश अपने शब्दों मे लिखिए । पद्य भाग – " कबीर दास की साखियों का अर्थ अपने शब्दों में लिखिए ।"</p>
Data Entry	Prepare a project file on topic " Application of IT in everyday life ".
Computer	<ol style="list-style-type: none"> 1) Prepare a chart on the topic 'Literals in Java' or 'Operators in Java' 2) Write 25 valid identifiers name 3) Write 5 examples of each type of literal 4) Perform the following <ol style="list-style-type: none"> (i) a = 5, b = 3, c = 9 a * = ++ a / b -- * -- C + C ----- a / b ++ ; (ii) a = 10, b = 15 X = ++ a / b -- * -- b / a ++ ; (iii) a = 2, b = 5 B / = -- a --- b * b +++ a ++ ; (iv) a = 5, b = 7, c = 15 c + = ++ a --- b * b ----- c ; (v) a = 5, b = 10 b - - - - b - - - a * a - - - - b ;
Art	<p>Draw all the leaves and colour it Hibiscus Leaves Rose leaves Draw these fruits and vegetables as still life and colour it 1) Apple 2) Capsicum 3) Banana 4) Ginger piece whole Draw Still life and shade it . Arrange the utensils and given items then draw them 1) Woks 2) Water bottle 3) Milk pot 4) Small Bowl 5) Cup and saucer Make all the above items separately</p>
Economics	Prepare a Project file on the topic of – Basic Concepts of Economics with diagrams and examples.