

DAV Public School, Kota  
Holiday Homework - 2018  
Class – X A

Note: - It is mandatory for all the students to prepare a Scrap Book on “**Healthy Living**”

| S. No. | Roll No.         | Subject                      | Group No. | Project  |
|--------|------------------|------------------------------|-----------|--|
| 1      | Roll nos. 1- 5   | English<br>Science(Physics)  | 1         | Write in detail all the parts of speech.(8)<br>Electric component ,electric circuit-Activity on which factor R depends   |
| 2      | Roll nos. 6-10   | Maths<br>Hindi               | 2         | Consistency of linear equations in two variables.(Graphical Representation)<br>प्रेमचंद की एक और कहानी पढ़कर उसका सार ,उद्देश्य व शिक्षा लिखें ।   |
| 3      | Roll nos. 11-15  | Social science<br>English    | 3         | Working Model-Test your knowledge of History and Civics.<br>Describe Tenses in detail.   |
| 4      | Roll nos.16-20.  | Science (Chemistry)<br>Hindi | 4         | Allotropes of Carbon (Diamond, Graphite ,Fullerene) 3-D Model.<br>कबीर के किन्हीं दो दोहों पर अपने विचार लिखें और उससे मिलने वाली शिक्षा भी लिखें । फाइल बनाकर।  |
| 5      | Roll nos. 21-25. | Maths<br>English             | 5         | History of Zero.<br>Write the biography of any two authors prescribed in the syllabus.   |
| 6      | Roll nos.26-30   | Social Science<br>Hindi      | 6         | Alert alarms related to disaster management(Flood /Earthquake /Tsunami etc )<br>एक उद्देश्य पूर्ण विज्ञापन बनायें ,चार्ट पर रचनात्मकता ,मौलिकता व भाषा का ध्यान रखें ।   |
| 7      | Roll nos. 31-35  | Science(Biology)<br>English  | 7         | Model (Any one) related to Evolution, Digestive system, Excretory system, Respiratory system and Transportation in plants from household things.<br>Write the biography of any two poets prescribed in the syllabus. |
| 8      | Roll nos.36-40   | Maths<br>Hindi               | 8         | Lateral Surface Area of Solid Figures .(Cone and Cylinder )<br>अपनी एक मेगजीन बनायें जिसमें विविध विषयों से संबंधित रोचक जानकारी ,चुटकुले खेल जानकारी व अन्य विषय शामिल किये गए हों ।                                |
| 9      | Roll nos. 41-46  | Social Science<br>English    | 9         | Tsunami (Causes ,Occurrence and Effects) .<br>Write the story of your own choice (giving moral ) 200 words.  |
| 10     | Roll nos. 47-52  | Science(Physics)<br>Hindi    | 10        | Image formation by concave mirror with their characteristics and uses of mirror.<br>एक अपनी मेगजीन बनायें जिसमें विविध विषयों से संबंधित रोचक जानकारी ,चुटकुले खेल जानकारी व अन्य विषय शामिल किये गए हों ।           |

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| S. No. | Roll No. | Subject                   | Group No. | Project   |
|--------|----------|---------------------------|-----------|---|
| 1      | 1 -5     | Science(Bio)<br>English   | 1         | I) Respiratory system<br>II) Digestive system<br>III) Food web<br><br>PPT of novel and story of my life-by Helen K.   |
| 2      | 6-10     | S.St.<br>Hindi            | 2         | Working model on”production of hydroelectricity”<br><br>15 मुहावरे अर्थ व प्रयोग सहित चार्ट पेपर पर   |
| 3      | 11-15    | Mathematics<br>English    | 3         | 1. Make project/scrap book on biography of any five Indian mathematician<br>2. graph of consistency<br>3.To prove Pythagoras theorem<br><br>Book review of novel of- and story of my life-by helen k. |
| 4      | 16-20    | Science(Phy)<br>English   | 4         | Effect of length on resistance<br>Effect of temperature on resistance<br><br>PPT on –“How to create a good story”   |
| 5      | 21-25    | S.St.<br>Hindi            | 5         | Working model on water fall/dam<br><br>कहानी चित्रण उद्देश्य सहित चार्ट पेपर पर   |
| 6      | 26-30    | Science(phy)<br>Hindi     | 6         | Varification of parallel combination of resistance<br>Focal length depends on density of material<br><br>बड़े भाई साहब कहानी का सार , उद्देश्य व शिक्षा फाइल बनाकर लिखे                               |
| 7      | 31-35    | S.St.<br>Hindi            | 7         | Ocurrence of storm and its impact in India<br><br>पत्र के प्रकार चार्ट पेपर पर बनाये  |
| 8      | 36-40    | Maths<br>English          | 8         | 1.Make clinometer<br>2.show the Zeroe’s of polynomials on graph paper<br>3 Trigonometric ratios<br><br>Movie review on “story of my life”   |
| 9      | 41-45    | Science(bio)<br>English   | 9         | 1. Plant transportation<br>2. Movement of water during transpiration in a tree<br><br>Book reviw on life of Helen k.  |
| 10     | 46-50    | S.St.<br>Hindi            | 10        | Working of bank and ATM<br><br>विज्ञापन-डी ए वी में पुस्तक मेला   |
| 11     | 51-55    | Science(chem.)<br>English | 11        | Chlor-alkali process(preparation of NaOH,Cl <sub>2</sub> ,H <sub>2</sub> )<br><br>PPT on life of Helen k.   |

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| S. No. | Roll No. | Subject                | Group No. | Project   |
|--------|----------|------------------------|-----------|---|
| 1      | 1-6      | English<br>Physics     | 1         | Collect the information about <b>Machali</b> , a Bengal Tiger Queen of Ranthambhore and worlds oldest tigress who died on August, 2016. Write an article paying tribute to the brave ideal of strength. (to be done in Scrap Book- Paste pictures)<br><br>Resistance in series and parallel |
| 2      | 7-12     | Hindi<br>S.st          | 2         | कबीर के दस दोहे भावार्थ के साथ<br><br>Strategies to prevent various disasters   |
| 3      | 13-18    | English<br>Mathematics | 3         | Read newspaper daily, cut and paste four headlines each from local, national, international and sports for 20 days. Also write 2 to 3 lines commenting on each news clipping. (to be done in Scrap Book)<br><br>Consistency of Linear Equations   |
| 4      | 19-24    | Hindi<br>Chemistry     | 4         | चित्र कथा शिक्षा व उद्देश्य सहित<br>Formation of frosty diamond crystals  |
| 5      | 25-29    | English<br>Biology     | 5         | Write self composed poem on ‘ My Mom My World ’ , ‘My Dream is My Aim’ , ‘My School My Temple’ (any one, approx 20 lines, Write on chart in artistic way)<br>Write in calligraphy hand making beautiful shape of the chart.<br><br>Nutrition in plants, related to photo synthesis          |
| 6      | 30-35    | Hindi<br>S.st          | 6         | विज्ञापन : सड़क सुरक्षा<br>Relief features of India/save earth  |
| 7      | 36-41    | English<br>Physics     | 7         | Read the novel”Story of my life” by Hellen Keller. Write the character sketch of any two character which you liked the most and also write two incidents related to that incident, paste pictures at appropriate places.<br><br>Source of energy  |
| 8      | 42-47    | Hindi<br>Biology       | 8         | सूचना लेखन : वर्षाजल बचाने हेतु<br>Nutrition in animals/Digestive system  |
| 9      | 48-53    | English<br>Mathematics | 9         | Write any story in your own language which presents satire on society and paste pictures (self sketched). (To be done in Scrapbook)<br><br>History of any 5 Indian Mathematicians   |
| 10     | 54-59    | Hindi<br>Chemistry     | 10        | सवांद - स्वच्छता अभियान की उपयोगिता - दो मित्रों के मध्य<br>Finger printing, the crime scene investigation  |

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| S. No. | Roll No.                            | Subject                | Group No. | Project  |
|--------|-------------------------------------|------------------------|-----------|--|
| 1      | Roll No. –<br>2,4,6,8,10,12,14      | English                | 1         | Write in detail about all parts of Speech.   |
| 2      | Roll No _<br>16,18,20,22,24,26      | English                | 2         | Write in detail about all kinds of Tenses.   |
| 3      | Roll No.<br>_30,32,34,36,38,40,42   | English                | 3         | Write the Biography of any of your favourite Poet.                                   |
| 4      | Roll No. –<br>44,46,48,50,52,54,56  | English                | 4         | Read the newspaper daily and write 300 Synonyms and Antonyms.                        |
| 5      | Roll No. – 1-5                      | Science<br>(Physics)   | 1         | Electric component verify Ohm's law and activity.                                    |
| 6      | Roll No. – 46-50                    | Science<br>(Physics)   | 2         | Image formation by Convex lens and uses.   |
| 7      | Roll No. – 16-20                    | Science<br>(Chemistry) | 3         | Preparation of Lemon/Apple battery or any other Model of Electromagnetic separation. |
| 8      | Roll No. – 31-35                    | Science<br>(Biology)   | 4         | Working model of Human Lung with Diaphragm.  |
| 9      | Roll No. -11-15                     | Maths                  | 1         | Pythagorous Theorem.Working Model.   |
| 10     | Roll No. -26-30                     | Maths                  | 2         | Making of a Clinometer   |
| 11     | Roll No.-41-45                      | Maths                  | 3         | Lateral Surface area of Right Circular Cone.   |
| 12     | Roll No. – 6-10                     | Social Science         | 1         | Thermal Power Plant.   |
| 13     | Roll No.-21-25                      | Social Science         | 2         | Nationalism in India (Any Topic)   |
| 14     | Roll No.-36-40                      | Social Science         | 3         | River System.  |
| 15     | Roll No.-51-57                      | Social Science         | 4         | Tsunami (causes,occurrence,impact)   |
| 13     | Roll No. –<br>1,3,5,7,9,11,13,15,17 | Hindi                  | 1         | फाइल में प्रेमचंद की एक और कहानी पढ़कर सार लिखें ।                                   |
| 14     | Roll No. -<br>19,21,23,25,27,29,31  | Hindi                  | 2         | कबीर के किन्हीं दो दोहों पर अपने विचार लिखें ।                                       |
| 15     | Roll No. –<br>33,35,37,39,41,43,45  | Hindi                  | 3         | चार्ट पर एक रोचक व मौलिक विज्ञापन बनायें ।   |
| 16     | Roll No. –<br>47,49,51,53,55,57     | Hindi                  | 4         | एक अपनी पसंदीदा पत्रिका का निर्माण स्वयं करें ।                                      |

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| S. No. | Roll No. | Subject            | Group No. | Project  |
|--------|----------|--------------------|-----------|--|
| 1      | 1-5      | SCIENCE<br>ENGLISH | 1         | Physics: Models on conservation of energy (electricity/magnetism)<br>Read the Novel ‘Story of my Life’ – by Hellen Keller. Write about her journey to Baltimore. Paste pictures related to it. Write the character sketch of Anne Sullivan. (Paste pictures.)      |
| 2      | 6-10     | SST<br>HINDI       | 2         | Models on resources<br>देश भक्ति कविता चार्ट   |
| 3      | 11-15    | ENGLISH<br>MATHS   | 3         | Draw the steps of any computer game in a scrapbook. Explain the game with the help of pictures related to it.<br>Project on similar triangles explaining BPT, Area theorem for similar triangles and criteria for similarity in triangles.                         |
| 4      | 16-20    | SCIENCE<br>ENGLISH | 4         | Models of hydrocarbons(any two)<br>Prepare a school Magazine .Write articles, stories, jokes and informations. Paste pictures. Make attractive cover page  |
| 5      | 21-25    | SST<br>HINDI       | 5         | Model of solar power plant<br>15 अगस्त का कोलाज  |
| 6      | 26-30    | SCIENCE<br>ENGLISH | 6         | Model of digestive system,Respiratory system,circulatory system,excretory system.(any one)<br>Write a self composed poem in a creative style. Use all artistic skills to decorate the chart. Paste relevant pictures.  |
| 7      | 31-35    | SST<br>HINDI       | 7         | Model of Smart City<br>विज्ञापन विषय - जल ही जीवन है   |
| 8      | 36-40    | MATHS<br>ENGLISH   | 8         | Project on Arithmetic Progressions- a project on finding sum of first n natural nos. and sum of first n odd natural nos.<br>Prepare a Newsletter of a week. Add all relevant informations of activities as News in the letter. Paste pictures related to the News. |
| 9      | 41-45    | ENGLISH<br>SCIENCE | 9         | Prepare a Newsletter of 15 Days activities in School. Add all relevant informations of activities as News in the letter. Paste pictures related to the News.<br>Model of any topic of physics,chemistry or biology as given above.                                 |
| 10     | 46-50    | SST<br>SANSKRIT    | 10        | Model on sustainable development.<br>20 हिंदी वाक्यों का संस्कृत में अनुवाद  |
| 11     | 51-57    | MATHS<br>SANSKRIT  | 11        | Project on Trigonometric tables and identities(with proof for angles 0°,30°,45°,60° &90°)<br>Same as above   |

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| S. No. | Roll No. | Subject                           | Group No. | Project  |
|--------|----------|-----------------------------------|-----------|--|
| 1      | 1 to 5   | Science-<br>Physics<br>English    | 1         | Electric Circuit<br><br>Story Narration- Weave a story from any cue /Newspaper headline                                  |
| 2      | 6 to 10  | Social sc.<br>Hindi               | 2         | Conservation of resources<br>विज्ञापन –डी ए वी में 15 दिवसीय ग्रीष्मकालीन शिविर  |
| 3      | 11 to 15 | Maths<br>English                  | 3         | Centroid of a triangle<br><br>Self-composed poem.  |
| 4      | 16 to 20 | Science –<br>Chemistry<br>English | 4         | Electro refining of metals<br><br>PPT on ' Two Gentlemen of Verona '.  |
| 5      | 21 to 25 | Social sc.<br>Hindi               | 5         | Power Sharing<br>अनुच्छेद–200 शब्द<br>विषय– ग्रीष्मकालीन अवकाश का सदुपयोग  |
| 6      | 26 to 30 | Maths<br>English                  | 6         | Volume of a right circular cylinder<br><br>Interview of any personality  |
| 7      | 31 to 35 | Science –<br>Biology<br>English   | 7         | Respiration ( Model )<br><br>PPT on Literary Devices.  |
| 8      | 36 to 40 | Social sc.<br>Hindi / Sansk.      | 8         | Consumers rights<br>हिन्दी–संवाद–मोबाइलफोन के दुष्परिणाम मां पुत्र के मध्य<br>संस्कृत–20 हिन्दी वाक्यों का संस्कृतानुवाद |
| 9      | 41 to 45 | Maths<br>English                  | 9         | Volume of a right circular cone<br><br>Dictionary Quiz.  |
| 10     | 46-50    | Science-<br>Physics<br>English    | 10        | Series Combination Appliance<br><br>PPT on Frog and Nightingale (poem 1).  |
| 11     | 51 to 55 | Social sc.<br>Sanskrit            | 11        | Nationalism in India<br>संस्कृत–20 हिन्दी वाक्यों का संस्कृतानुवाद   |
| 12     | 56 to 59 | Maths<br>English                  | 12        | Surface area of a sphere<br><br>Creative Monologue   |