

DAV Public School, Kota  
Holiday Homework - 2018  
Class – IX B

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	1 to 5	English Social study	I	Prepare a chart depicting qualities of human teacher and mechanical teacher. Different type of irrigation system
2	6 to 10	Science Mathematics	II	Prepare a working model based on physics concept. Square root spiral Proof Of any identity, Proof of Pythagoras theorem ,triangle sum property ,exterior angle property.
3	11 to15	Mathematics Hindi	III	Square root spiral Proof Of any identity, Proof of Pythagoras theorem ,triangle sum property ,exterior angle property. समाचार पत्र
4	16 to 20	English Hindi	IV	Draft a story हरिवंश राय बच्चन पर एक स्कैप बुक बनाइये
5	21 to25	Mathematics Science	V	Square root spiral Proof Of any identity, Proof of Pythagoras theorem ,triangle sum property ,exterior angle property. Prepare a project on biology of your own choice.
6	26 to30	Mathematics Social study	VI	Square root spiral Proof Of any identity, Proof of Pythagoras theorem ,triangle sum property ,exterior angle property. Dam's with river system.
7	31 to35	English Mathematics	VII	Prepare a chart depicting qualities of human teacher and mechanical teacher. Prepare a working model based on physics concept. Square root spiral Proof Of any identity ,Proof of Pythagoras theorem ,triangle sum property ,exterior angle property.
8	36 to 40	Hindi Social study	VIII	उन पक्षियों के बारे में पता करके रिपोर्ट लिखिए जिनकी संख्या काम होती जा रही है Man made Disaster
9	41to 45	Hindi Science	IX	अपने द्वारा की गयी यात्रा का विवरण चित्र सहित लिखिए Prepare a project based on biology.
10	46 to 50	Science English	X	Prepare a model on chemistry. Prepare a chart depicting qualities of human teacher and mechanical teacher
11	51 to 55	Science Social study	XI	Prepare a project on living world. Solar plant

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S. No.	Roll No.	Subject	Group No.	Project
1	Roll No. – 1 to 5	English Science	1	Power point presentation Hydraulic Bridge / Train / Toy
2	Roll No. - 6 – 10	Social Science Hindi	2	Different type of irrigatioin system विज्ञापन - जल संरक्षण, नृत्य प्रतियोगिता
3	Roll No. – 11 to 15	English Mathematics	3	Bio – sketch of any Author i) Square root spiral ii) Real no. tree iii) Pythagoras Theorem iv) Any other project related to maths
4	Roll No. – 16 to 21	English Science	4	Novel summary Project based on electromagnetism
5	Roll No. - 22 – 27	Social Science	5	Dam’s with river system
6	Roll No. – 28 to 33	English Science	6	Any famous personality Carbon , Nitrogen and Oxygen cycles
7	Roll No. - 34 – 38	Social Science	7	Man made Disaster
8	Roll No. – 39 to 44	English Mathematics	8	Power point presentation i) $(a+b)^2$ or $(a - b)^2$ identity proof ii) Area of Circle iii) S.A. of cone , S.A. of cone iv) History of any Mathematicians v) Histogram (I.P.L Match) vi) Any other project related to maths
9	Roll No. – 45 to 49	English Science	9	Bio – sketch of any Author Any Working Model
10	Roll No. - 50 – 54	Social Science	10	Solar plant
11	Roll No. – 55 to 58	English Science	11	Novel summary Artificial satellite / Bio diversities
12	Roll No. - 46 – 50	Hindi	5	अनुच्छेद- ग्रीष्मवकाश यात्रावर्णन
13	Roll No. - 31 – 35	Hindi	7	पत्र i) औपचारिक खेल सुविधाओं हेतु प्रधानाचार्या को पत्र ii) अनौपचारिक सत्संगति का महत्त्व बताते हुआ छोटे भाई को पत्र
14	Roll No. - 46 – 50	Hindi	10	i) संवाद लेखन खेल के महत्त्व पर दो मित्रों में संवाद ii) भ्रमण के महत्त्व पर दो मित्रों में संवाद

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S. No.	Roll No.	Subject	Group No.	Project
1	1 to 5	English Science (Chemistry) Science (Physics)	1	Take a chart in which on one side write and draw mechanical teacher and advantages of it. on the other side human teacher and advantages(The fun they had)  Water purification system in water works Roll no. 1 Manually working car, Roll no. 2 and 3 Difference between speed and velocity, Roll no. 4 and 5 Hydraulic lift
2	6 to 10	Hindi Social sci.	2	समाचार पत्र (8 page)  Prepare a Chart on “ Conservation of Wildlife”.
3	11 to 15	English Mathematics	3	Give an instance of your life where you were so much confused to decide up on the choice (The road not taken)  1) Make a Square root spiral on thermo coal sheet 2)The proof of Pythagoras theorem by paper cutting method 3) Proof of Identities,( Prepare a chart ) Any one from above
4	16 to 20	Hindi Social Science	4	यात्रा वर्णन या सामाजिक कार्य चार्ट  Prepare a Chart showing Union territories of India with Explanation and Paste picture also
5	21 to 25	English Science(phys ics) (chemistry)	5	Dialogue writing: Any two character can be taken and write their dialogue on any topic.  Roll no. 21 Hydraulic crane,Roll no. 22 and 24 Graphs of motion Roll no. 23 Electromagnetic induction,Roll no. 25 Difference between distance and displacement A model to demonstrate particles movement in solids, ,liquids and gases.
6	26 to 30	English Science(phys ics)	6	Give life sketch of a famous musician.  Roll no. 26 Graphical problem,Roll no. 27 Difference between speed and velocity,Roll no. 28 Difference between uniform and non-uniform motion Roll no. 29 Sound Roll no. 30 Flootation
7	31 to 35	Hindi Social Sci.	7	सूक्ति (दस ) अर्थ सहित और 20 शब्द अर्थ सहित  Prepare a model on “Solar System “ with eight planet.
8	36 to 40	English Mathematics	8	Compose a poem of your own. 1)Biography of Mathematician(any 5)project/ scrape book 2) Proof of area of a circle(Prepare a chart)/ Model 3 ) prepare a Histogram on chart paper Any one from above
9	41 to 45	Hindi Social science	9	विज्ञापन - विद्यालय में 51 कुण्डीय यज्ञ Make a Chart in history about the Political Symbols during French Revolution
10	46 to 50	English Biology Physics	10	Frame a story of your own. Showing Endosmosis and Exosmosis Roll no.46 Hydraulic bridge,Roll no.47 Graphical problem, Roll no.48 Vacuum cleaner, Roll no.49 Newton’s first law of motion, Roll no.50 Echo
11	51-55	Hindi Social sci.	11	कहानी सचित्र Make a Chart on “River Pollution”.
12	56to58	English Mathematics	12	I can serve my country..... (Complete this ) in about 100 to 150 words 1) Prepare a model of Histogram 2)Surface area of cylinder 3)surface area of cone Any one from above.

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S. No.	Roll No.	Subject	Group No.	Project
1	Roll No. – 1 to 5	English Science	1	Word Dictionary Atomic Model/Fire Extinguisher
2	Roll no.6 to 10	Hindi S.St.	2	दो विज्ञापन – i) जल संरक्षण ii) नृत्य प्रतियोगिता Handmade Projector
3	Roll No. – 11 to 15	English Mathematics	3	Wall Magazine Work of any 5 Indian Mathematician
4	Roll No.-16 to 20	Hindi Science	4	अनुच्छेद – ग्रीष्मावकाश, यात्रावर्णन Biodiversity, Cell and Tissue
5	Roll No. – 21 to 25	English S.St.	5	Fun with Grammar Suspension Bridge
6	Roll No.-26 to 30	Hindi Mathematics	6	संवाद लेखन – i) खेल के महत्व पर दो मित्रों में संवाद ii) भ्रमण के महत्व पर दो मित्रों में संवाद History of PIE
7	Roll No. – 31 to 35	English Science	7	Spin A Wheel Electromagnet (Working Model), Distance and Displacement
8	Roll No.-36 to 40	Hindi S.St.	8	20 हिंदी वाक्यों का संस्कृत अनुवाद Weave a Yarn Smart City-Kota
9	Roll No. – 41 to 45	English Mathematics	9	Fun with Grammar Pythagoras Theorem
10	Roll No. –46 to 50	Hindi Science	10	अस् , भू , पद् 5 लकार रूप लभ् , सेव् , लट् , लृट् लकार रूप Uniform and Non-uniform
11	Roll No. – 51 - 54	English S.St.	11	A Picturesque View of The Road Not Taken French Revolution

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Class – IX F

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S.No.	Roll No.	Subject	Group No.	Project
1	01 to 05	English Physics		Now-a-days people have weird hobbies like growing nails, climbing and staying/living on tree top etc. Find out such 15 weird hobbies of the people around the world and write about them and also paste their pictures. To write 2 practicals from the manual provided in the practical file
2	06 to 10	Social Studies Hindi		i) 3D Model on people as human resource. ii) Model on natural vegetation and wildlife. विज्ञापन-जल संरक्षण नृत्य प्रतियोगिता अनुच्छेद-ग्रीष्मावकाश यात्रावर्णन
3	11 to 15	Mathematics Hindi		Square root spiral, pythagoras theorem, area of circle पत्र - i) औपचारिक खेल सुविधाओं हेतु प्रधानाचार्या को पत्र ii) अनौपचारिक सत्संगति का महत्त्व बताते हुआ छोटे भाई को पत्र
4	16 to 20	Hindi English		पत्र - i) औपचारिक खेल सुविधाओं हेतु प्रधानाचार्या को पत्र ii) अनौपचारिक सत्संगति का महत्त्व बताते हुआ छोटे भाई को पत्र Imagine your future world, the changes you feel might be there (in your surroundings, home, school etc) and write about it in an interesting way.
5	26 to 30	English Hindi		Now-a-days people have weird hobbies like growing nails, climbing and staying/living on tree top etc. Find out such 15 weird hobbies of the people around the world and write about them and also paste their pictures. i) संवाद लेखन खेल के महत्त्व पर दो मित्रों में संवाद ii) भ्रमण के महत्त्व पर दो मित्रों में संवाद
6	31 to 35	Social Studies Hindi		i) 3D Model on people as human resource. ii) Model on natural vegetation and wildlife. विज्ञापन-जल संरक्षण नृत्य प्रतियोगिता अनुच्छेद-ग्रीष्मावकाश यात्रा वर्णन
7	36 to 40	Hindi Mathematics		पत्र - i) औपचारिक खेल सुविधाओं हेतु प्रधानाचार्या को पत्र ii) अनौपचारिक सत्संगति का महत्त्व बताते हुआ छोटे भाई को पत्र Histogram ( IPL match) , surface area of cylinder/ cone, proof of identity $(a+b)^2$ , any other project related to maths
8	41 to 45	Hindi Physics		i) संवाद लेखन खेल के महत्त्व पर दो मित्रों में संवाद ii) भ्रमण के महत्त्व पर दो मित्रों में संवाद To write 2 practicals from the manual provided in the practical file
9	43 to 46 47 to 50	Sanskrit		20 हिंदी वाक्यों का संस्कृत में अनुवाद
10	51 to 54 55 to 59	Sanskrit		अस् , भू , पद् 5 लकार रूप लभ् ,सेव् लट् , लृट लकार रूप
11	46 to 50	Social Studies		i) Model on river pollution ii) Model on relief features of India
12	51 to 55	Chemistry English		i) Density variation experiment(Rainbow in a glass) ii) Diffusion of solids in liquids. iii) Golden rain shower. iv) Electrolysis of water v) Cooling effects of evaporation Now-a-days people have weird hobbies like growing nails, climbing and staying/living on tree top etc. Find out such 15 weird hobbies of the people around the world and write about them and also paste their pictures.
13	56 to 59	Social Studies		1. Model on ecosystem 2. Prepare a model taking clues from chapter “Clothing- a Social History” displaying the very first culture of clothing history around the world.