



**D.A.V. POLICE PUBLIC SCHOOL,
FARIDABAD
POLICE LINES, SEC-30**



Holidays Homework

Class IX

Dear Students,

The wait is over and finally we are here with our summer vacation, as we all know the pandemic is creating challenges for all of us refraining us from all our wishes and visits, we need to be more careful, not only with us but with others too. Therefore, Let's be home and turn these holidays more into a productive vacation.






English

Q1. WORD OF THE DAY - Write one word similar (synonym) to each of the words given below and frame three sentences with each word given below and also with their synonyms.

1. AMIABLE
2. ANIMOSITY
3. BENEVOLENT
4. CONTIGUOUS
5. DOMINANT
6. EXEMPLARY
7. EQUINOX
8. FLUORESCENT
9. FICTITIOUS
10. GRUESOME
11. GLITCH
12. HYPOCRISY
13. INDISPENSABLE
14. LUSTROUS
15. MONOTONY
16. MALICIOUS
17. OMNIPOTENT
18. PANORMA
19. POIGNANT
20. PREJUDICE
21. RELEVANCE
22. RETALIATE
23. SCOURGE
24. SOLILOQUY
25. TEDIOUS
26. TREMOR

EXAMPLE - HELP is the word given. The synonym of this word is ASSIST. So, you need to frame three sentences each with HELP and ASSIST.

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- 27.VERSATILE
 - 28.VULNERABLE
 - 29.YAFFLE
 - 30.ZESTY

REMEMBER ONE WORD EACH DAY.

Q2. WRITING OF THE DAY - This task asks you to start your day with writing one page of handwriting each day. Pick any paragraph from your English text book or any other book of your choice and write that in your notebook on a daily basis. Remember you need to buy a 'four line' English notebook in which you used to write in your toddler days.

Q3. READING TIME - Read two novels (15 days each novel). Make a COVER PAGE for the book you are reading and write the book review on each of them. The following are the novels, you can pick any two of your choice:

- a. THE ROOM ON THE ROOF by Ruskin Bond
- b. KABULIWALA by Rabindranath Tagore
- c. THE STORY OF MY LIFE by Helen Keller
- d. OLIVER TWIST by Charles Dickens

Q4. WRITING TIME - All of you are aware about how to write a diary entry, Now, the time has come - when you really have to write a dairy entry in your own diary mentioning the date and time of the write up. End your day with writing about your whole day in a separate notebook.

This task is definitely going to make you feel better about yourself.

हिन्दी

➤ कार्य में सुंदरता और स्वच्छता का ध्यान रखें ।

- प्रतिदिन दो पृष्ठ सुलेख लिखो। {सुलेख पाँच लाइन वाली कॉपी में करें}
- कोरोना वैश्विक महामारी में “बचपन से दूर होते बच्चे” पर एक परियोजना (प्रोजेक्ट) पी पी टी , वृत्तचित्र (डाक्यूमेंट्री) तैयार करें ।
- रैदास , कबीर व रहीम के दोहे कंठस्थ करें व उसका वीडियो बनाए ।
- मातृ दिवस पर अपनी माँ का चित्र चिपका कर उन पर स्वरचित कविता लिखें ।
- हिन्दी उपन्यास “फटे जूते” , “गोदान” {मुंशी प्रेमचंद} , “गुनाहों का देवता {धर्मवीर भारती} , “दादा कामरेड” {यशपाल} इनमें से किन्हीं दो पुस्तकों को पढ़कर उनकी समीक्षा करें ।
- निम्न उदाहरण को देखकर मुहावरे लिखकर उसके अर्थ लिखकर एक चार्ट या मॉडल बनाए । रोल न. 1-20



- निम्न उदाहरण को देखकर अलंकार का चार्ट या मॉडल बनाए ।
- रोल न. 20 - 40



Mathematics

1. Construct a square root spiral.
[Link for Square Root Spiral](#) (Ctrl+Click to open the link)
2. Based on the COVID-19 global pandemic, make a Bar graph representing the number of CORONA VIRUS patients of 5 different countries as per the data on 30th April 2021.
3. Coordinate plane flappable.
[link for coordinate plane flappable](#)
4. Make a Formula Cheat Sheet for finding out the areas of different type of Triangles(Equilateral Triangle, Isosceles Triangle and Scalene Triangle)
[Link for making formula cheat sheet](#)

Social Science

- Collect information and make a report/storyboard about your own native village (or any imaginary village)- its location, attractions, etc. If you have visited there write your experience in short. You can also attach images too (if any) or do its sketching. Write about the development status there. Mention about your dream village.

Note: Do this activity on A-4 sheets. Consume at least 4 sheets for the same.

- Set up any business mainly concerned social responsibility...
Plan for the investment, name your business and mention how you are been socially responsible...
Can present in the form of any comic, ppt, video, storyboard, etc.

Science

CHEMISTRY
(Roll no.1-35)

To demonstrate the process of sublimation by using camphor or naphthalene balls. (Refer chapter-1 and links given below :
(<https://www.youtube.com/watch?v=4Kjj1qwpytc>)
(<https://www.youtube.com/watch?v=qN4-79Mr-mo>)

Instructions to be followed:

Make a video or click photographs while performing the activity.

Details on ply card (in form of ppt):

- a. Students name, class and activity heading
- b. mention the following details:

- Activity:
 - Material required
 - Procedure
 - Observation
 - Conclusion
- c. Make a collage of photographs clicked or upload the video of the same.

PHYSICS
(Roll no.1-17)

Make an investigatory project on the applications of newton's laws of motion in sports i.e. 'physics in sports'. (Refer chapter-9 and link: <http://www.rrsd.org/wp-content/uploads/2014/10/Newtons-Law-Popup-Book-Requirements-1.pdf>)

Compile your findings in the form of project report as:

- Authenticate your report with valid data and photographs.
- It should be in form of ppt, should not be more than 10 slides.
- Presented under the following headings:
 - (i) Project title, student information
 - (ii) Index
 - (iii) Acknowledgment
 - (iv) Three laws of motion under various subheadings
 - (v) Conclusion
 - (vi) bibliography

BIOLOGY
(Roll no. 18-35)

Make a 3D model of plant cell or animal cell by using waste material, beads, threads, straw pieces, bindi etc. and also labels the various parts of the model.

(Refer chapter-5 and link:

https://www.youtube.com/watch?v=_4iiaqMGud8)

(<https://www.youtube.com/watch?v=Nv5xDMkv4Jc>)



NOTE:

1. Revise chapter-1,8 and 5.
2. All students have to upload their holidays home work (all ppts /photographs of model) on teams app.

Computer

Make Model /Chart on Logic diagram of computer.

OR

Make a wall hanging Model, showing different types of Memory in a Computer System.
