

॥ ओ३म् ॥



DAV PUBLIC SCHOOL, KOTKAPURA

Where excellence is a tradition...

(Affiliated to C.B.S.E., New Delhi, Affiliation No. 1630101)

Happy Holidays

Summer Vacation: 1.06.2025 (Sunday) to 30.06.2025 (Monday)

The school will reopen on: 01.07.2025 (Tuesday)

SUMMER BREAK ASSIGNMENT

Class-X

“Holidays are not just for rest, but also a chance to grow, explore, and sharpen your skills beyond the classroom.”

Use this time wisely to:

- ❖ *Strengthen academic understanding & discover new interests.*
- ❖ *Take care of your mental & physical health.*
- ❖ *Practice yoga, meditation, & a sport daily.*
- ❖ *Contribute meaningfully to family & society.*
- ❖ *Study early in the morning when your mind is fresh.*
- ❖ *Make a simple timetable with 4–5 hours of focused academic work daily.*
- ❖ *Ensure at least 7–8 hours of sleep.*
- ❖ *Eat healthy and stay hydrated.*
- ❖ *Limit screen time and avoid over use of social media.*
- ❖ *Help with household chores and learn basic life skills.*
- ❖ *Spend quality time with parents, grandparents & siblings.*
- ❖ *Volunteer in your community if possible (teach a child, clean a park/ surroundings).*
- ❖ *Try your hand at creative writing (poems, blogs, stories, journals).*
- ❖ *Explore photography, music, painting, DIY crafts or design.*
- ❖ *Watch inspiring documentaries or educational videos.*
- ❖ **USE A SEPARATE SINGLE NOTEBOOK FOR HOLIDAY HOMEWORK.**
- ❖ *Reflect weekly on what you learned and achieved.*
- ❖ *Set small goals & reward yourself when you meet them.*
- ❖ **REVISE SYLLABUS COVERED IN MONTH OF APRIL & MAY FOR UPCOMING PERIODIC-II EXAMINATION.**

“Don't count the days – make the days count.”

ENGLISH

Q1. Travel Brochure

Research about places to visit in Manipur and prepare a Travel Brochure of any one place describing the location, ways to reach there, weather, best time to visit, hotels, the flora and fauna, food, suggested activities, culture etc. It should be handwritten. There should be 4-5 pages, where you may draw or paste some pictures associated with that place. Draw borders around the pictures if they are pasted. Give details about the same.

There should be interesting and catchy HEADINGS above each detailed paragraph.

Each picture in the brochure should have a CAPTION (i.e. a Photo caption, also known as cutline, a line of text used to explain and elaborate a photograph.)

Q2-"Education should be skill based rather than knowledge based"

Design a comic strip for discussion on the specified topic.

WRITING SECTION

Q1. Write a letter to the Editor of the newspaper complaining against the menace of street dogs in your locality.

Q2. You were a part of audience in a debate held in your school on 'Technology, Its effects on modern life'. This set you thinking how the youth of today misuses technology. Write a letter in 150 words to the Editor of a newspaper on the dangers of such misuse and how it can be controlled.

Q3. Write a letter to the editor to a local newspaper complaining about the bad condition of roads.

LITERATURE SECTION

a) What do the metaphors of Ice and Fire convey to the reader? Elaborate. What is the message given by the poet?

b) Describe your views about Mr. Keesing as a teacher.

c) Write a Character sketch of:

- Anne Frank
- Mr. James Herriot
- Mrs. Pumphrey
- Lencho

d) Hari Singh did not board the express and returned to Anil. Why did he return? On what values does this incident put light on?

Note: Literature section must be done in a fair notebook.

HINDI

- पाठ 'बड़े भाई साहब' तथा 'डायरी का एक पन्ना' का सार अपने शब्दों में लिखिए तथा इन पाठों में आए सभी मुहावरों के अर्थ बताते हुए वाक्यों में प्रयोग कीजिए
- साखी, मीरा, बड़े भाई साहब, डायरी का एक पन्ना पाठ के शब्द अर्थों को लिखिए तथा याद कीजिए।
- आपके मोहल्ले में पानी की आपूर्ति बाधित है, अतः जल उपलब्ध कराने के लिए जल आपूर्ति विभाग के अध्यक्ष को ई-मेल लिखिए।

- आपके मोहल्ले के पार्क में अनपेक्षित व्यक्तियों का जमावड़ा रहता है। इस समस्या के निदान के लिए नगर-निगम अधिकारी को ई-मेल लिखिए।
- आपने ऑनलाइन कुछ पुस्तकें मँगवाई थीं लेकिन आपकी पस्तकें आपके ऑर्डर के अनुरूप नहीं आई हैं। इसकी इसकी सूचना पुस्तक भंडार को देते हुए ईमेल लिखिए।
- ग्रीष्म अवकाश/ भारत तथा पाकिस्तान संबंध, बच्चों का बड़ों के प्रति कम होता सम्मान अथवा अन्य किसी एक एक विषय पर एक अनुच्छेद , आर्टिकल अथवा कविता और संस्मरण की रचना कीजिए उत्तम प्रस्तुति करता को सम्मानित किया जाएगा।
- हिंदी साहित्य को चार भागों में बांटा गया है :आदिकाल, भक्तिकाल, रीतिकाल तथा आधुनिक काल इन चारों कालों के कोई पांच कवियों अथवा लेखकों के नाम तथा उनकी रचनाएं लिखे तथा किसी एक लेखक अथवा कवि के विषय में प्रोजेक्ट तैयार करें।(यह प्रोजेक्ट आंतरिक मूल्यांकन का हिस्सा रहेगा जिसके पांच अंक होंगे)

PUNJABI

1. ਅਣਡਿੱਠੀਆਂ 5 ਕਾਵਿ ਟੁਕੜੀਆਂ ਹੱਲ ਕਰੋ।
 2. ਕੋਈ ਵੀ ਪੰਜ ਚਿੱਤਰ ਦੇਖ ਕੇ 50-60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਵਰਣਨ ਕਰੋ।
 3. ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਵਿਸ਼ੇ ਤੇ ਕੋਈ ਵੀ ਇੱਕ ਮਾਡਲ ਤਿਆਰ ਕਰਨਾ।
 4. ਅਪ੍ਰੈਲ-ਮਈ ਵਿੱਚ ਕਰਵਾਏ ਗਏ ਪਾਠਕ੍ਰਮ ਨੂੰ ਯਾਦ ਕਰੋ ਅਤੇ ਲਿਖੋ।
- ਆਪਣੇ ਪਿਤਾ ਜੀ ਨੂੰ ਚਿੱਠੀ ਲਿਖੋ, ਜਿਸ ਵਿੱਚ ਇਮਤਿਹਾਨ ਵਿੱਚ ਆਪਣੀ ਕਾਰੁਜ਼ਗਾਰੀ ਦਾ ਵੇਰਵਾ ਦਿਓ।
 - ਆਪਣੀ ਵੱਡੀ ਭੈਣ ਨੂੰ ਪੱਤਰ ਲਿਖੋ ਜਿਸ ਵਿੱਚ ਆਪਣੇ ਸਕੂਲ ਵਿੱਚ ਹੋਏ ਸਲਾਨਾ ਸਮਾਗਮ ਬਾਰੇ ਦੱਸੋ।
 - ਇੱਕ ਚਿੱਠੀ ਰਾਹੀਂ ਆਪਣੀ ਸਹੇਲੀ ਨੂੰ ਇਹ ਦੱਸੋ ਕਿ ਇਮਤਿਹਾਨਾਂ ਮਗਰੋਂ ਵਿਹਲੇ ਸਮੇਂ ਵਿੱਚ ਕੀ ਨਵਾਂ ਸਿੱਖਣਾ ਹੈ।
 - ਆਪਣੇ ਸਕੂਲ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਨੂੰ ਗੀਤ- ਸੰਗੀਤ ਦੀ ਇੰਟਰ ਹਾਊਸ ਪ੍ਰਤੀਯੋਗਤਾ ਦੀ ਮਨਜ਼ੂਰੀ ਲੈਣ ਲਈ ਬਿਨੇ ਪੱਤਰ ਲਿਖੋ।

MATHEMATICS

Solve MCQ, Assertion-Reason and Case Based questions of chapter-1(Real Numbers), chapter-2 (Polynomials), chapter-3 (Pair of linear equations in two variables) and chapter-4 (Quadratic Equations) from RD Sharma (objective) and previous year's questions and NCERT Exemplar questions from RD Sharma (subjective) on separate note book.

Revise chapter 1,2,3,4 full with examples from NCERT.

Do complete your FNB and it should be covered and beautifully maintained.

ACTIVITY

1. Make a crossword puzzle on chapter-1(Real Numbers).
2. Draw a graph of any quadratic equation on graph sheet and paste on A4 sheet.
3. Draw the graphs of parallel lines, coincident lines and intersecting lines by using different linear equations on graph sheet and paste on A4 sheet.

SCIENCE

Physics

1. Chapter: (Light) Do yard Stick Questions on FNB
2. Draw ray diagrams of convex and concave mirror in project file.
3. **Physics Activity** – Types of Mirrors (In Project File)
 - Click/paste/Draw pictures of plane, concave, and convex mirrors around you.
 - Write: Type, use, reason, image nature under each.

NOTE: Make a single project file for Chemistry, Biology and Physics.

The Assignments shared in the broadcast group is to be done on FNB and revised thoroughly.

Chemistry

2. Chapter: (Chemical reactions and equations)

- a) Prepare a table of balanced chemical reactions. Mention types of reaction. On FNB.
- b) Do NCERT Exemplar questions (Pg-68 of reference book) on FNB.

3. Read Chapter Acid Bases and Salts and do the following activities

Chemistry Activity (Make a project file)

Activity 1: Cook with Chemistry – Use Baking Soda

Instructions:

With help from an elder, prepare one simple dish using baking soda (e.g., idli, dhokla, cake, pakora batter).

Note:

- The name of the dish
- Ingredients used
- Why baking soda was added (to make it soft, fluffy, or rise)

Activity 2: Detecting Acids and Bases Using Turmeric Indicator

Objective: To use turmeric solution as a natural indicator to identify acidic and basic substances from household items.

Instructions:

1. Take a white sheet and divide it into boxes (about 6–8).
2. Prepare turmeric solution (mix turmeric powder in a little warm water).
3. Colour each box on the sheet with the turmeric solution and let it dry.
4. Apply or dab a drop of each test substance (like lemon juice, soap water, tomato juice, salt solution, baking soda, vinegar, lemon juice, tomato juice.) onto separate boxes.
5. Record the colour change:
 - If the colour turns red or dark pink → It's a base.
 - If no change or yellow → Likely an acid or neutral.
6. Label each box with:
 - Name of the substance
 - Observed colour change

- Classification: Acid, Base, or Neutral

Example Layout for table

Name of the substance	Colour of turmeric	Classification (acids/bases/salts)
-----------------------	--------------------	------------------------------------

Biology

1. Do MCQ, Assertion Reasons, Case Based Questions and Long Questions of Ch - Life Processes from Reference book on FNB.
2. Read chapter Control and coordination and Write 30 Questions from Body of Chapter (Questions should be according 2 to 3 Marks)
3. Prepare mind maps or concept maps of every topic of "Ch- Life processes" and "Ch-Control and coordination "on FNB.
4. Draw and label the diagram of:
 - (i) HUMAN DIGESTIVE SYSTEM
 - (ii) HUMAN CIRCULATORY SYSTEM
 - (iii) HUMAN EXCRETORY SYSTEM
 - (iv) HUMAN RESPIRATORY SYSTEM
 - (v) HUMAN BRAIN
 on White sheets and paste in FNB.

5. Activity:

Create a Biology- theme Crossword/ Puzzle

Topics: Human DIGESTIVE system

Human Excretory System

Human Respiratory System

6. Biology Newsletter:

Create a 2 - Page newsletter with:

1. Interesting Biology new Articles
2. Biology Quiz (Relates with Ch-Life processes)
3. Facts
4. Short Biography of Scientist

Note: Do All the Activities in One project File (Physics, chemistry and Biology)

SOCIAL SCIENCE

Project Work

Topic – Consumer Rights (Economics)- This Project focuses on raising awareness about consumer rights, including the rights of consumer and responsibilities of businesses.

Prepare project report on sub topics such as:

1. Who is consumer, Difference between a customer and a consumer, Consumer Rights, consumer, Responsibilities, Factors which cause exploitation of consumers, consumer movements in India, Consumer protection, national Consumers Rights Day.
2. Project Report must be prepared on Assignment Pages and must be attached with Hand made Decorative cover which is to be prepared by student itself.

Work sheet

1. Geography, History, Pol. Science, Economics

Short answer type questions (To be done on separate New Notebook)

Geography

1. Classify the Resources on the basis of origin. Give two examples of each.
2. Explain the term resource planning. Why is it essential to have resource planning in a country like India?
3. Describe the three main steps involved in complex process of resource planning.
4. Explain any three purposes for which land resources are used.
5. Mention three physical factors as well as three human factors, which determine the use of land in India.
6. What do you understand by net sown area? Why does the pattern of net sown area vary from state to state? Explain by giving suitable examples.

History

7. How did the concept of Nation- state developed in Europe? Was it successful in the formation of native states?
8. What were the political and constitutional changes came in the wake of French Revolution? (Impacts of French Revolution)
9. The Habsburgh Empire was a patchwork of many different regions and peoples. Explain this statement.
10. Culture played an important role in creating the idea of the nation's in Europe. Support the statement with examples.
11. Write a note on the Greek War of Independence.
12. Explain the unification of Germany.
13. Explain the unification of Italy.
14. Why did nationalist tension emerge in the Balkans

Political Science

15. Differentiate between the power sharing models accepted by Belgium and Sri Lanka.
16. What are the different forms of power sharing in modern democracies? Give an example of each of these.
17. Explain that differences between horizontal and vertical power sharing.
18. Why power sharing is desirable?

OR

Distinguish between prudential reason and moral reason of power sharing.

Economics

19. What criteria World Bank has used to compare development of different countries?
20. Why do we use averages? Are there any limitations to their use? Illustrate with your example relating to development.
21. What are the basic components of human development index?

Note-1. All above sent questions must be learnt and written in neat handwriting in proper way.

2. Chapter 2 Federalism (Pol. Science)
3. Chapter 3 Money and Credit (Economics) (students must read both chapters in proper way and find out important Difficult words, underline them and write the meaning along with them.
4. Map Work- Chapter 1 Resources and Development
Locate and label Types of soil on Political map of India
