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# 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 (2025-26)

### Class-VIII

#### Important Instructions:

Respected Parents/Dear Students

Namaskar

- ❖ Get up early in the morning and go out for a walk daily.
- ❖ Make a bird feeder and place seeds & water for them regularly.
- ❖ Raise a small kitchen garden by planting seeds.
- ❖ Learn any one folk song.
- ❖ Help your mother in cooking and salad decoration.
- ❖ Try to make your handwriting/reading better by practising & do your homework in good handwriting.
- ❖ Learn all the prayers and mantras given in the Student Almanac.
- ❖ The homework will be evaluated and subject enrichment marks will be counted in Term-I.
- ❖ Read "**The Tribune**" newspaper daily to update themselves with current affairs.
- ❖ Listen news bulletin on BBC channel and note top 5 news on your notebook daily.
- ❖ **USE A SEPARATE SINGLE NOTEBOOK FOR HOLIDAY HOMEWORK.**
- ❖ **REVISE SYLLABUS COVERED BEFORE THE COMMENCEMENT OF SUMMER VACATION FOR PERIODIC-II EXAM.**

## ENGLISH

### 1. Vocabulary Building

- Note down 30 new words with their meanings and frame sentences using them in your notebooks.
- Proverbs are short, well-known sayings that offer advice or express a general truth, while idioms are phrases with a figurative meaning that is not literal. Note down 10 proverbs and 10 idioms with their meanings and frame sentences using them in your notebooks.

2. Creative Writing: Make a flowchart or mind map based on the character or the storyline of Chapter 1 and 2 on a colourful sheet.

### 3. Writing Skills:

- You are Anu/ Aniket of Shivalik Hills Public School, Dehradun. Write a notice about a Blood Donation Camp to be organised in your school. Furnish all necessary details. You are the Head Boy/ Head Girl of the school.
  - You are Rohit /Renu of Great Field Public School, Ambala. Write a notice about a Singing and Dancing Competition to be held in your school for the students of classes 7th to 10th. You are the Cultural Head of your school.
  - Exposure to media messages is a part of modern life and in particular teenagers are attracted to the lifestyles, products or behaviour that celebrities promote on social media. The need of the hour is to help teenagers balance the influence of social media with other physical and creative activities. You are Aditi/ Aditya of class VIII. Write a letter to the editor of a newspaper daily expressing your views on 'The Impact of Media on Teenagers' in about 100-120 words.
- ❖ Read your English literature and English Reader book and write 10 writeups to enhance your handwriting and analytical skills.

## HINDI

पाठ्य पुस्तक :- ज्ञान सागर और अभ्यास सागर के पाठ 1 से 4 की दोहराई करें।

1. निम्नलिखित प्रश्नों को उत्तर संक्षेप में दीजिए।

प्रश्न 1. सभी सुख सुविधाएं उपलब्ध होने पर भी पक्षी पिंजरे में क्यों नहीं रहना चाहते ? 'हम पंछी उन्मुक्त गगन के' कविता के आधार पर उत्तर दीजिए।

प्रश्न 2. ईरान के शाह को दारा क्यों प्रिय था ?

प्रश्न 3. कंधे पर रखी गठरी को सुख - दुख की गठरी क्यों कहा गया है ? 'दोपहरी' पाठ के आधार पर बताइए।

प्रश्न 4. 'हम पंछी उन्मुक्त गगन के' कविता में पक्षियों को स्वतंत्रता प्रिय है - इस तथ्य के आधार पर बताइए आपको अपनी स्वतंत्रता क्यों प्रिय है ?

प्रश्न 5. 'असल धन' पाठ के आधार पर जीवन का असल धन क्या है ?

प्रश्न 6. 'दोपहरी' कविता में गर्मी ने वृक्षों को किस प्रकार प्रभावित किया ?

प्रश्न 7. दरबारियों का दारा से ईर्ष्या करना उचित क्यों नहीं था ? 'असल धन' पाठ के आधार पर लिखिए।

प्रश्न 8. 'हम पंछी उन्मुक्त गगन के,' कविता में कवि ने किस प्रकार जीवन में स्वतंत्रता को सर्वोपरि सिद्ध किया है ?

प्रश्न 9. 'असल धन' पाठ के आधार पर लिखिए कि शाह की उलझन का क्या कारण था ?

प्रश्न 10. 'हम पंछी उन्मुक्त गगन के' कविता के आधार पर बताइए कि पक्षी स्वतंत्र रहकर क्या-क्या सुख प्राप्त करता है ?

2. निम्नलिखित विषयों पर 100 शब्दों में अनुच्छेद लिखिए—

क) सफाई अभियान का उद्देश्य

ख) पेट्रोल की बढ़ती कीमतें

ग) मोबाइल के दुरुपयोग

घ) वन संपदा की करो रक्षा

3. औपचारिक एवं अनौपचारिक पत्र लिखिए—  
 क) विद्यालय में हिंदी कहानी लेखन प्रतियोगिता के आयोजन हेतु प्रधानाचार्य जी को पत्र लिखिए।  
 ख) बरसात के दिनों में जल भराव के कारण होने वाली कठिनाइयों को दूर करने के लिए नगर निगम अधिकारी को पत्र लिखिए।  
 ग) वन-विभाग अधिकारी को अपने क्षेत्र में वृक्षारोपण का सुझाव देते हुए पत्र लिखिए।  
 घ) बुआ जी को नए घर के लिए बधाई पत्र लिखिए।  
 4. क) विदेश से आए मित्र को भारत की विशेषताएं बताते हुए दो मित्रों की बातचीत को संवाद के रूप में 60- 70 शब्दों में लिखिए।  
 ख) प्राकृतिक आपदाओं के कारण और परिणामों के विषय में चर्चा करते हुए अध्यापक और छात्र की बातचीत को संवाद के रूप में लगभग 60 से 70 शब्दों में लिखिए।  
 ग) जन्मदिन के अवसर पर खाने की बर्बादी को देखकर दो मित्रों के बीच हुई बातचीत को लगभग 60 से 70 शब्दों में संवाद के रूप में लिखिए।  
 भारत-पाक संबंध विषय पर अपने विचार एक निबन्ध, कविता, पत्र आदि के रूप में लिखें। उत्तम प्रस्तुतकर्ता को सम्मानित किया जाएगा।  
 सुलेख रचना:- ज्ञान सागर- पाठ (1 से 4) 10 पृष्ठ अच्छी व सुन्दर लिखावट में लिखें।

### PUNJABI

**ਨੋਟ:- ਸਾਰਾ ਕੰਮ ਲਿਖਣਾ ਤੇ ਯਾਦ ਕਰਨਾ ।**  
 1. 'ਵਿਸਰ ਰਹੇ ਪੰਜਾਬੀ ਸ਼ਬਦ' ਸਫ਼ਾ 75 (ਕਿਤਾਬ ਨਵੀਂ ਨੁਹਾਰ ਪੰਜਾਬੀ ਪਾਠ ਮਾਲਾ) ਸ਼ਬਦ ਸੰਗ੍ਰਹਿ ਸਫ਼ਾ 147  
 2. ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ, ਖੇਡ ਦਾ ਮੈਦਾਨ, ਪ੍ਰਦੂਸ਼ਣ, ਸਕੂਲ ਦਾ ਦ੍ਰਿਸ਼, ਦਿਵਾਲੀ ਦਾ ਤਿਉਹਾਰ ਤਸਵੀਰਾਂ ਕੱਟ ਕਾਪੀ ਤੇ ਲਗਾਓ ਤੇ ਉਹਨਾਂ ਬਾਰੇ 50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।  
 3. 1 ਲੇਖ ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸਨ, 2 ਵਿਗਿਆਨ ਦੇ ਲਾਭ ਅਤੇ ਹਾਨੀਆਂ ਯਾਦ ਕਰਕੇ ਲਿਖੋ।  
 4. ਆਪਣੇ ਮਿੱਤਰ ਨੂੰ ਪਾਸ ਹੋਣ ਤੇ ਵਧਾਈ ਪੱਤਰ ਲਿਖੋ।  
 ਆਪਣੇ ਪਿਤਾ ਜੀ ਨੂੰ ਕੰਪਿਊਟਰ ਦੇ ਲਾਭ ਦੱਸਦੇ ਹੋਏ ਕੰਪਿਊਟਰ ਲੈ ਕੇ ਦੇਣ ਲਈ ਪੱਤਰ ਲਿਖੋ।  
 ਤੁਸੀਂ ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ ਕਿਵੇਂ ਬਤਾਈਆਂ ਇਸ ਬਾਰੇ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।  
 5. 1-15ਤੱਕ ਅਗੇਤਰ, ਪਿਛੇਤਰ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਯਾਦ ਕਰੋ ਤੇ ਲਿਖੋ।  
 6. ਏ,ਸ ਤੋਂ ਸ਼ੁਰੂ ਹੋਣ ਵਾਲੇ ਮੁਹਾਵਰੇ ਅਰਥ ਦੱਸ ਕੇ ਵਾਕ ਬਣਾਓ।  
 7. ਜਮਾਤ ਵਿੱਚ ਕਰਵਾਇਆ ਗਿਆ ਅਪ੍ਰੈਲ ਤੇ ਮਈ ਵਾਲਾ ਕੰਮ ਯਾਦ ਕਰੋ ਜੀ।  
 8. ਰੇਲ ਨੰਬਰ ਇੱਕ ਤੋਂ 20 ਕਵਿਤਾ ਵਤਨ ਮੇਰੇ ਦੀ ਮਿੱਟੀ ਅਤੇ ਰੇਲ ਨੰਬਰ 21 ਤੋਂ 40 ਕਵਿਤਾ ਸੱਥ ਦਾ ਦਿਮਾਗੀ ਨਕਸ਼ਾ ਬਣਾਉਣਗੇ।

### MATHEMATICS

1. Practise Units 1,2,3,4 (Brain Teasers, HOTS, Examples)  
 2. Do the assignments given in broadcast group.  
 3. Write 5 puzzles / riddles with answers on A4 sheet.  
**ACTIVITY:-** Life history of any Indian Mathematician and his/her contribution in the field of Mathematics (Project or PPT)  
 ❖ Complete your fair notebook up to chapter 4 with proper index and cover.

## SCIENCE

### **Revise the following chapters**

1. Chapter 1 The Cell Structural and functional unit of life
2. Chapter 2 Microorganisms- Friends or foes
3. Chapter 6 Sources of energy
4. Chapter 7 Combustion
5. Focus on body of chapter and revise it thoroughly from already given questionnaire.
6. Create at-least 2-2 assertion reasoning questions related to these chapters .
7. Read Chapter 9 Crop production and its management
8. Prepare a survey report of crops grown in different seasons in Punjab. Keeping in view about the present scenario of availability of water conditions in Punjab, suggest any one effective crop that can be grown by farmers according to season.
9. Research and compare different types of fuels (eg. Coal, petrol, LPG). Create a chart or table highlighting their advantages and disadvantages.

#### **Assignment**

##### **A. The Cell- structure and functions**

1. Draw the structure of typical cell labelling its parts.
2. Why plasma membrane is called as selectively permeable membrane?
3. Describe the structure of nucleus and explain why it is called as brain of the cell?
4. Why mitochondria is called as powerhouse of the cell?
5. How is SER different from RER?
6. Name the cell organelles which are only present in plant cell.
7. Name the largest and smallest cell.
8. Write the functions of following cell organelles-  
Vacuoles, endoplasmic reticulum, cilia and flagella
9. Write the differences b/w various kinds of plastids plant in plant cell.
10. If onion peel cells and cheek cells are observed through microscope, state two major differences that the observer is likely to find.
11. How are chromosomes formed inside the nucleus? State their significance.
12. Differentiate b/w plant cell and animal cell.
13. Draw the structure of plant and animal cell with proper labeling.

##### **B. Microorganisms- Friends or foes**

1. What is microbiology? Name different types of microorganisms found.
2. Why viruses are considered at borderline of living and non-living?
3. Define fermentation and describe how it is used in bakeries?
4. Discuss how microorganisms are helpful in production of various food items.
5. What is bioaugmentation and why it is considered as biological treatment?
6. Why does the curd start tasting sour if it is left for sometime at room temperature?
7. Differentiate b/w antibiotics and antibodies. Name any one microorganism used for production of antibiotic.
8. What are vaccines and how do they work?
9. Describe in detail how microorganisms are used in agriculture, energy production and environment cleaning.
10. Differentiate b/w pathogens and toxins.
11. Name any two viral, bacterial and fungal diseases in animals and plants.
12. What is food poisoning? How it is caused? Name the microorganisms that cause food poisoning.
13. Why is it important to brush ones teeth while going to bed?
14. How do communicable diseases spread? Suggest some ways to prevent following diseases-



- \*\*\*\*\*
- \* Tuberculosis, athlete's foot , cholera
- \* 15. Describe 5 methods of food preservation in detail.
- \* C. Sources of energy and Combustion
- \* 1. What is energy? Can you destroy it? If yes/no. why?
- \* 2. On the basis of occurrence and physical state classify the sources of energy.
- \* 3. Differentiate b/w exhaustible and inexhaustible sources of energy.
- \* 4. What are fossil fuels? Are they renewable or non-renewable?
- \* 5. What are the ill effects of using wood as a fossil fuel?
- \* 6. Name the largest coal mines present in India.
- \* 7. Define carbonization in detail.
- \* 8. On the basis of carbon percentage, describe various types of coal formed.
- \* 9. What is destructive distillation? Name its product used for making water gas and explosives.
- \* 10. What do you understand by refining of petroleum? Name various products formed after refining.
- \* 11. Why petroleum is considered to be liquid gold? Give uses of asphalt and lubricating oil.
- \* 12. How cleaners fuel are better as compared to fossil fuels? Describe in detail by giving examples.
- \* 13. What is combustion? Which gas is supporter of combustion?
- \* 14. Describe an activity to show that air is necessary for combustion.
- \* 15. Why does white phosphorus catches fire in summers even at room temperature?
- \* 16. Why does the flame of burning candle goes off when we blow over it strongly?
- \* 17. When we provide heat to two paper cups, one filled with water and other one empty. Which one of them will catch fire first and why?
- \* 18. What is spontaneous combustion and explosive combustion?
- \* 19. Describe various zones of candle with help of a diagram.
- \* 20. How does combustion of fuels lead to global warming and acid rain?
- \* ❖ Learn 1 to 20 Elements, their Symbols and Atomic Number from Periodic Table.

## **SOCIAL SCIENCE**

- \* **Note :- Revise all chapters which are done in month April and May.**
- \* **Note: Read Ch.1, ch.8 and ch.16 very carefully and do Q/ans of the following assignment on fair Note-Book**
- \* **ASSIGNMENT:**
- \* CHAPTER-1(Resources; Utilisation and Development)
- \* 1. What do you understand by the term 'resource'? Give some examples of resource.
- \* 2. Why are resources distributed unequally over the earth?
- \* 3. What is resource conservation?
- \* 4. What is sustainable development?
- \* 5. Mention any five principles of Sustainable Development?
- \* 6. Why human beings are considered as special resource?
- \* 7. What do you understand by human resource development?
- \* 8. Define natural resources with examples.
- \* 9. Differentiate between renewable and non-renewable resources.
- \* 10. Define human made resources with examples.
- \* 11. Explain the classification of resources on the basis of renewability.
- \* 12. Human beings are the most important resource. Explain.
- \* 13. What is sustainable development? Why is it the need of the hour?
- \* 14. Suggest any three ways by which you can conserve energy at home.

## CHAPTER-8(The Modern Period)

1. Which period does the Medieval Indian History include?
  2. Which period does the Modern Indian History include?
  3. What type of information do we get from British Papers?
  4. In which year the Vernacular Press Act was passed and for what?
  5. Name the newspapers that worried the British government..
  6. Collect photographs of Monuments of Modern period.
  7. List the main sources of information of the modern period of Indian history.
- Explain any four sources briefly.
8. Write a note on Gandhi Smriti.

## CHAPTER-16 (OUR CONSTITUTION)

1. Why do we need a Constitution?
2. What were the various values behind framing the Indian Constitution?
3. India has a federal system but with a difference. Justify.
4. Differentiate between the federal and unitary form of government.
6. What is Privy Purse?
7. Why the preamble is called as the Soul of the Indian Constitution?
8. Explain how Indian Constitution is both rigid and flexible?
9. Give the difference between single citizenship and dual citizenship.
10. How can we say that India has a Single Integrated Judicial system?

Prepare a chart on:

A project on 'Indian Constitution and its makers'. Focus on the main features of Indian constitution and on some of the important persons who have contributed immensely to write Indian Constitution'

Write a Speech on the topic:

"Sustainability is the key to a thriving future"

## GENERAL KNOWLEDGE

Use waste material to prepare models and charts

1. Make a chart showing Indian Noble prize winners (1 to 10)
2. Make a chart showing festival value of India (11 to 20)
3. Make a wall hanging/ model showing the ways to save environment (21 to 30)
4. Make a chart showing Indian authors (English) and books Written by them. Also paste related pictures. (Roll no. 31 to 40)
7. Read daily headlines.

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