

**DAV PUBLIC SCHOOL**  
Summer Vacation Homework for Class VIII  
**English 2026-27**

1. Use the following preposition in your own sentences by making at least 2 sentences using each of them: In , into, with, from, by, within, up, down, upon, on, above, under, below, between, among, upto
2. Make a list of 10 each of Homophones and Homonyms and use them in your own sentences.
3. Book Reading :- Read the stories of Panchtantra by Vishnu Sharma and express the main ideas and morals of at least three stories in your own words.
4. Write an essay on the following topics:- a. Role of Parents and Teachers in our life. b. Your most favourite movie with reasons of your liking.
5. Present a philosophical analysis of the lesson "Three Questions" by Leo Tolstoy in about 500 words. Analyse the human-centric Ideological representation of the life lessons by Tolstoy in the lesson.

**Mathematics**

**Section A: MCQs (5 Questions)**

- Q1. What is the square of 35?  
a) 1025      b) 1225      c) 1125d) 1325
- Q2. Find the square root of 1444.  
a) 36      b) 38      c) 34      d) 32
- Q3. What is the cube of 12?  
a) 144      b) 1728      c) 1331d) 1560
- Q4. Simplify:  $2^3 \times 2^2$   
a)  $2^5$       b)  $2^6$       c)  $4^5$       d)  $2^1$
- Q5. Find the square root of 0.0081  
a) 0.9      b) 0.09      c) 0.009      d) 0.81

**Section B: Short Answer Questions (5 Questions)**

- Q6. Find the square root of 2116 using prime factorization.
- Q7. Find the cube root of 2744.
- Q8. Simplify using laws of exponents:  $(3^4 \times 3^2) \div 3^3$
- Q9. Find the value of square root0.0004.
- Q10. A number when squared gives 1764. Find the number.

## SCIENCE

### ➤ Reading Task

- Read Chapter 1, 2 & 3 thoroughly
- Learn all questions & answers

### ➤ Writing Work

- Write 8–10 lines each on:

a) Our Environment                      b) Food and its Importance                      c) Nature of Matter

- Also write keywords of all 3 chapters in your copy.

### ➤ Diagram Work

- Environment (Ecosystem)
- Balanced Diet
- States of Matter

Draw and label all diagrams neatly.

### ➤ File Work

Paste pictures of:

- Living & Non-living things
- Different food items (healthy & junk)
- Solid, liquid & gas examples

Write names and 1 line about each.

### ➤ Activity Work

- Sprouting Activity (moong/gram): Write steps + observation
- States of Matter Activity: Observe ice (solid), water (liquid), steam (gas). Write differences

### ➤ Observation Task

Observe surroundings and write:

- Types of pollution (air, water, land)
- Write 5 food items you eat daily and identify nutrients

### ➤ Thinking Skill

- Answer in 5–6 lines:
- a) What will happen if environment gets polluted?
- b) Why do we need a balanced diet?
- c) What changes can matter undergo?

### ➤ Riddles

- I am everything around you → \_\_
- I give you energy → \_\_
- I can be solid, liquid or gas → \_\_

### ➤ Creative Task

- Make a poster on "Save Environment"
- Make a Balanced Diet Chart

### ➤ Skill-Based Task

- Reading: Read a science article and write 5 new words
- Speaking: Explain your project to parents
- Writing: "My role in saving environment" (5-8 lines)

### ➤ Instructions

- Do work in a neat notebook/project file
- Use colours, diagrams & headings
- Write in your own handwriting
- Add a cover page and index
- Submit after vacation

### Geography

1. Make India map and locate 10 National parks and 5 wildlife sanctuaries.
2. Tourist Destinations: Write about anyone tourist place in India that you find most interesting attached pictures also.
3. Prepare 20 flash cards showing the wildlife species of India flora and fauna both and write about on it on back side of the each cards.
4. Write a story related save forests.
5. Prepare 10 slides on PowerPoint related to Land Use Pattern

### **6. Activity**

Rahiman paani raakhiye,

Bin paani sab soon.

Paani gaye na ubere

Moti, manus, choon..."

[Says Rahim, keep water, as without water there is nothing. Without water pearl, swan and dough cannot exist. ]

These lines were written by the poet Abdur Rahim Khankhana, one of the nine gems of Akbar's court. What kind of resource is the poet referring to? Write in 100 words what would happen if this resource disappeared?

4. Collect information about some Multipurpose River Valley Projects of India and then complete following Table and also collect pictures. (Page No. 20)
5. Make a Poster related to World Environment day on chart paper.

### Civics

1. Fundamental Duties: Write about the fundamental duties of Indian citizens as outlined in the Constitution.
2. Write the tenure, qualifications of Members of Lok Sabha
3. Functions of Supreme Court.
4. Powers and functions of the President of India.

### History

1. Explore a British historical site, Buildings, Places, monuments etc. and Prepare a record and write about its significance.
2. Listen to stories related to the Revolt of 1857 from your parents.
3. प्रिय अभिभावक महोदय, अपने बच्चों के साथ बैठकर भारत के महान पुरुषों और उनके वीरगाथाओं के बारे में चर्चा करें। (Students must summarise the discussion)

## विषय: हिंदी

### मुख्य गृहकार्य गतिविधियाँ:

1. अवकाश डायरी (लेखन कौशल):
  - \* छुट्टियों के किन्हीं 10 दिनों की डायरी लिखें।
  - \* प्रत्येक दिन की शुरुआत एक सुविचार से करें।

\* प्रतिदिन 5-6 पंक्तियों में उस दिन की घटना, अनुभव या भाव लिखें।

## 2. पत्र-लेखन:

\* किसी दूर रहने वाले मित्र को एक अनौपचारिक पत्र लिखें।

\* विषय: गर्मी की छुट्टियों का हाल बताना।

\* शब्द सीमा: 80-100 शब्द।

## 3. मुहावरे-चित्र (भाषा-कला):

\* 'ज्ञान सागर' पुस्तक से 8 मुहावरे चुनें।

\* प्रत्येक का अर्थ लिखकर वाक्य में प्रयोग करें।

\* एक छोटा चित्र बनाएँ और इसे A4 शीट पर रंगीन रूप में प्रस्तुत करें।

## 4. प्रकृति-वर्णन (रचनात्मकता):

\* अपने आसपास की किसी नदी, बाग़ या खेत का लगभग 100 शब्दों में वर्णन करें।

\* उस स्थान का एक सुंदर चित्र भी बनाएँ।

## 5. व्याकरण अभ्यास:

\* (अ) संज्ञा, सर्वनाम, विशेषण: प्रत्येक के 8 उदाहरण वाक्यों में लिखें।

\* (ब) पर्यायवाची एवं विलोम शब्द: 15-15 शब्द लिखें।

\* (स) अनुच्छेद-लेखन: "मेरी गर्मी की छुट्टियाँ" (लगभग 80 शब्द)।

सभी कक्षाओं के लिए विशेष गतिविधियाँ:

\* एक पौधा लगाएँ और उसकी देखभाल की डायरी हिंदी में बनाएँ।

\* घर के बुजुर्गों से कोई लोककथा (Folk tale) सुनकर उसे अपने शब्दों में लिखें।

\* एक देशभक्ति गीत याद करें और उसका भावार्थ लिखें।

"पढ़ोगे लिखोगे बनोगे नवाब, पर अवकाश में पढ़ो भी और खेलो भी!"

विषय: I & II

## पठनकार्य (Reading Work)

प्रतिदिन 10-15 मिनटपर्यन्त संस्कृतपाठ्यपुस्तकस्य पठनं कुर्वन्तु।

5 नवीनानि शब्दानि लिखन्तु तथा तेषां अर्थं ज्ञातुम् प्रयतन्ताम्।

## लेखनकार्य (Writing Work)

मम ग्रीष्मावकाशः (10-12 वाक्यानि) लिखन्तु।

मम प्रियः मित्रः / मम विद्यालयः विषयेषु लघुनिबन्धः लिखन्तु।

## व्याकरणकार्य (Grammar Work)

शब्दरूपाणि लिखन्तु – राम, फल, नदी (प्रत्येकं 2-2 वारम्)।

धातुरूपाणि – पठ्, गम्, लिख् (लट् लकारे)।

10 सरलवाक्यानि संस्कृतेन रचयन्तु

## रचनात्मककार्य (Creative Work)

एकं चित्रं निर्माय तस्य संस्कृते वर्णनं कुर्वन्तु।

मूल्यशिक्षा (Value Education)

प्रतिदिनं प्रातःकाले “शुभाषितानि” पठन्तु।

माता-पितृभ्यां सह समयं यापनं कुर्वन्तु।