



# D.A.V. Police Public School

(Under the direct control of D.A.V. College Managing Committee, New Delhi)  
-educational, English Medium School (to be upgraded up to Senior Secondary)

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## Summer Vacations Homework and Assignments

**Class VI**

### HOMework

- Hindi** :पुस्तक का नाम ( ज्ञान सागर,अभ्यास सागर  
क.पाठ -1 साथी हाथ बढ़ाना ( ज्ञान सागर,अभ्यास सागर पूरा याद करो)  
पाठ -2. चिट्ठी के अक्षर ( ज्ञान सागर,अभ्यास सागर पूरा याद करो)  
ख. बीस सुलेख लिखो।  
ग. अनुस्वार और अनुनासिक शब्दों से संबंधित चार्ट बनाओ।

### Mathematics:

- Make a scrapbook the cover page of which should be designed using geometrical shapes.
- Complete your work with neat and legible handwriting.
- Do complete your fair notebook upto Chapter-2 ( Page No. 1 to 44 )

1. Make a grid of numbers from 1 to 100. On it, shade all the multiples of 6 by colour blue and all the multiples of 7 by colour yellow. Do this question in scrap book.  
(The common multiples will be the one shaded both colours i.e. green.  
The highest common multiple will be the highest of these numbers.)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

(From the table, we observe that 42 and 84 are common multiples of 6 and 7.  
The lowest common multiple is therefore 42.)

2. Print and solve the assignment given below and paste it in class work notebook.
3. Make a wall clock using Roman Numerals. ( Use ecofriendly material )
4. Make a short Formula Notebook. ( Use A4 or A3 size pastel sheet )

## General Science:

1. Complete your notebook and cover it.

### 2. Project Work

- ❖ Collect different types of fibers and paste them into a chart or scrapbook with labels.
  - ❖ Segregate the kitchen waste and note down your observation into decomposable and non decomposable waste. Use the biodegradable waste in your flowerpots or garden
3. **ACTIVITY:** Take some pieces of news paper, pieces of cloth and used plastic bags. Bury these in soil and write your observations.
4. **Organize a small debate on “Ban on plastic bags” in your locality and list the points of view of different sections of people.**
5. Revise lesson 1, 2 and complete the given assignment in fair notebook scrapbook.

## Social Science

1. **Learn L-1 – (The Planet Earth and the Solar System), L-8 (Studying the Past), L-21 (Community Life Our: Unity in Diversity)**
2. Complete your book and notebook
3. Learn all the chapters done.
4. Read two pages of your book daily and underline new words. Find out their meaning daily.
5. **Activity work – Prepare a model (working or static) of the Solar System**
6. **Life Skill Activity:**
- i. In a corner of your balcony, keep two bowls
  - ii. Put grains or seeds in one and water in the other
  - iii. Watch the birds feed.
  - iv. Remember to replace the water every day and clean the bowls regularly.
  - v. Take snaps of these birds.

**G.K:** Book page 1 to 30. Learn and complete one page daily.

## Sanskrit :

प्रथम पाठः पुरः पुरः प्रगच्छ रे

द्वितीय पाठ मम प्रियः विद्यालयः

तृतीय पाठ चत्वारि प्रियमित्राणि

चतुर्थ पाठ मधुराः श्लोकाः

पंचम् पाठ जले अपि वसन्ति जीवाः

उपर्युक्त सभी पाठों की हिन्दी अनुवाद व अभ्यास कार्य लिखना व याद करना

व्याकरण भाग - अकारांत पुल्लिंग शब्द रूप-राम, छात्र, बालक के शब्द रूप याद करने व लिखने।

पठ्, वद्, हस्, लिख्, धातु के पांचों लकार लिखने व याद करने

संख्या शब्दों का चार्ट व लिख् धातु का चार्ट बनाओं।

**Natik Shiksha:** आर्य समाज के दस नियम लिखने व याद करने।

प्रतिदिन का एक सुलेख लिखना।

आर्य समाज से सम्बंधित लिखवाए गए प्रश्नों को याद करो।

स्वामी दयानंद के बारे में एक लेख लिखें। व याद करो।

किन्हीं पांच महापुरुषों के बारे में जिन्हें आप अच्छे से जानते हो। अपने विचार व्यक्त कीजिए।

## ASSIGNMENT

### Subject: Hindi

प्रश्न-1. निम्नलिखित प्रश्नों के उत्तर दीजिए-

क. महिपाल सिंह द्वारा छापे गए साप्ताहिक समाचार- पत्थर में क्या- क्या छपता था?

ख. मेहनती व्यक्तियों का रास्ता और मंजिल कैसी होती है?

ग. महिपाल सिंह ने बाएं हाथ से लिखने का अभ्यास किस प्रकार किया?

प्रश्न -2 . निम्नलिखित शब्दों के अर्थ लिखिए-

परबत, सेहरा, दक्ष, प्रत्यक्ष

प्रश्न-3. नीचे दिए गए शब्दों में उचित स्थान पर 'अनुनासिक' चिह्न लगाइए-

आधी, कहा, सवार, चाटा

प्रश्न-4. नीचे दिए गए शब्दों में अंतर स्पष्ट करते हुए उनका वाक्य प्रयोग करो-

पता, पात्रता, बचा, बच्चा, समान, सामान

प्रश्न -5. जीवन मूल्य पर आधारित प्रश्न-

आप अपने जीवन में आई मुश्किल परिस्थिति का सामना कैसे करेंगे?

प्रश्न -6. पांचवीं कक्षा की वार्षिक परीक्षा देते समय आपने किन- किन कठिनाइयों का सामना किया - इनके बारे में बताते

हुए अपने मित्र को पत्र लिखिए।

### Subject: Mathematics

Q 1 Find out the least possible missing digit in the place of \*so that

(a)  $39*6$  is divisible by 3

(b)  $12*2$  is divisible by 4

(c)  $4*16$  is divisible by 8

Q2. Find the greatest number that can exactly divide 140, 170 and 155 leaving remainder 5 in each case.

Q3. Find the L.C.M 80, 120, 135 by common division method.

Q4. Find the smallest number which when divided by 25, 45 and 60 leaves remainder 5 in each case.

Q5. Circle the even numbers and cross the odd numbers from the following:

42, 57, 20009, 1118, 57453, 92346

Q6. Are the following numbers prime or composite. Show by finding the factors.

a) 42

b) 31

c) 63

d) 99

e) 23

f) 115

Q7. Write down all the prime numbers between 11 to 30.

Q8. List the factors of 18.

Q9. List the first five multiples of 19.

Q10. Which of the following are co-primes?

a) 13 and 14

b) 8 and 20

c) 31 and 59

d) 34 and 85

Q11. Write any two pairs of co-prime numbers.

Q12. Is 3955 divisible by 5 by using divisibility tests.

Q13. Pick out the numbers that are divisible by 4 and 8

a) 4924

b) 63402

Q14. Test the following for the divisibility by 3 and 9

a) 294414

b) 45404

Q15. Test the divisibility of 147246 by 11.

Q16. Write the greatest 4 digit number. Express it as a product of primes.

Q17. Find the HCF of 204, 144 and 252 using continued division method.

Q18. Find the LCM of 10 and 25 using prime factorization method.

## Subject- General Science

### Q.1 Tick the correct answer of the following.

- The group of organisms, which use light for making food, are called-  
 (a) Autotrophs (b) Heterotrophs (c) Decomposers (c) Scavengers
- A child, who has bow legs, is suffering from a deficiency disease, known as  
 (a) Scurvy (b) Rickets (c) Goiter (d) Anemia
- The deficiency of vitamin A, in the diet, causes a disease known as-  
 (a) Scurvy (b) rickets (c) nightblindness (d) beri-beri
- Vermicomposting is done by-  
 (a) fungus (b) bacteria (c) worms (d) aquatic animals

### Q.2 Define the following terms:-

Non-biodegradable, Omnivores, PCM, PEM

### Q.3 Answer the following questions in brief .

- Which component of air gets 'used-up' during the process of photosynthesis?
- Suggest any five activities that can help to save the environment.
- Name the important sources of our food.
- State the role of calcium in our body.

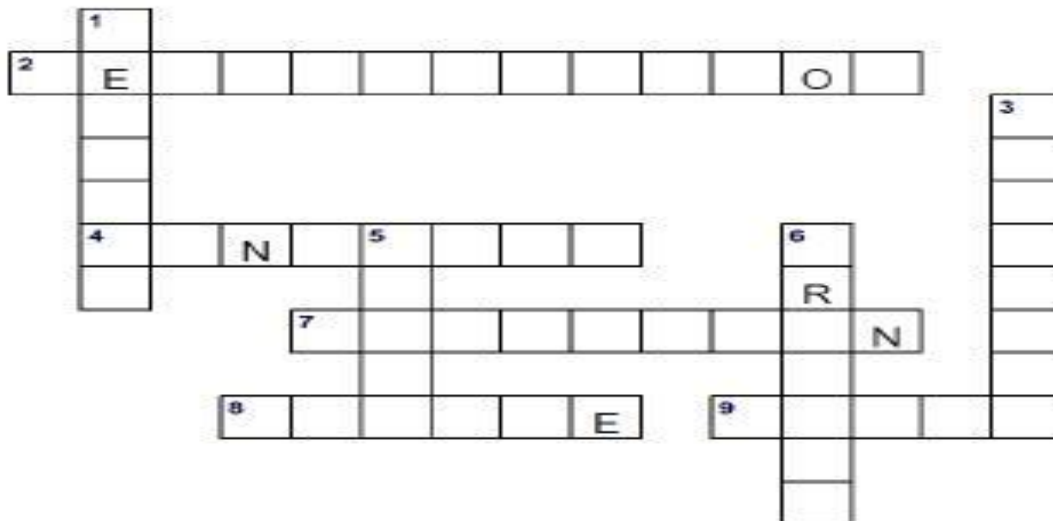
### Q.4 Answer the following question .

- Distinguish between-  
 (a) decomposers and scavengers.  
 (b) biodegradable and non-biodegradable.
- Make a flow chart of 'Balanced Diet'.

## ENVIRONMENT



Using the Across and Down clues, write the correct words in the numbered grid below.



#### ACROSS

- the act of cutting down or burning trees in a area
- an area of land where large amounts of waste material are buried under the earth
- something making land, water or sky dirty
- to make less rubbish
- to use something again

#### DOWN

- to treat things that have already been used so they can be used again.
- to keep safe from injury, harm, or destruction
- a large number of water covering an area that is usually dry
- to watch and help an animal or the environment

## Subject: Social Science

### Answer the following questions.

1. What are celestial bodies?
2. What is 'Saptrishi Mandal'?
3. State three features which make the earth a unique planet.
4. Describe the formation of solar system.
5. How does the study of monuments help the historians?
6. How do skeletal studies help us to identify gender differences?
7. How does the study of coins help the historians?
8. How do the archaeological source materials help us to learn about our past?
9. How do secular literary sources throw light on the life of the people in any period of history?
10. Give a brief description on the Phases of Moon with the help of diagram.

## Subject Sanskrit:

प्रश्न 1 हिन्दी अनुवाद कुरुत:-

एकदा हरिणः दूरम् गच्छति। सायकालः भवति परन्तु सः न आगच्छति। मूषकः काकः कच्छपः च प्रतीषक्षाम् कुर्वन्ति। ते परस्परम् वार्तालापम् कुर्वन्ति। हरिणः कुत्र अस्ति न जानामि? सूर्यास्त भवति परन्तु हरिणः न आगच्छति। अस्माकम् मित्रं हरिणः अधुना अपि न आगच्छत्।

प्रश्न 2 पर्याय शब्द चित्वा लिखन्तु -

* सज्जन.	परिश्रमेण
उद्यमेन	भाषणे
जन्तवः	सुजनः
वचने	संसारे
लोके.	प्राणिन

प्रश्न 3 \*पूर्ण वाक्येन उत्तराणि लिखन्तु-

क. कः दूरम् गच्छति?	ख. संकटे कः आसीत्?	ग. के प्रसन्नाः अभवन्।?
घ *का शीतला भवति?	ड. प्रियवाक्येन प्रदानेन के तुष्यन्ति?	

प्रश्न 4 अकारांत छात्र पुल्लिंग शब्द रूपम् लिखतु?

प्रश्न 5 संस्कृतेन स्वपरिचय लिखतु।

प्रश्न 6 विपरितपदं लिखन्तु -

दूरम्, सायकालः, प्रसन्ना, सुषेन, मुक्तः

प्रश्न 3 \*पूर्ण वाक्येन उत्तराणि लिखन्तु-

क. कः दूरम् गच्छति?	ख. संकटे कः आसीत्?	ग. के प्रसन्नाः अभवन्।?
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प्रश्न 7 शब्दार्थ लिखतु।

विशाल, अस्माकम्, अवकाश, चित्राणि

प्रश्न 8 पठ्(पठना) धातु के लट् व लृट् लकारः लिखतु।