

Summer Vacation Holiday Home Work 2025-26

Class- I

❖ Subject – Math

1. Write table of 2 to 5 on chart paper.
2. Write the number name 1 to 20.

❖ Subject – English

1. Write question answer of Chapter- 6 in notebook.
2. Write 5 lines about 'My Pet' in notebook.
3. Draw and paste five pictures of person, place, animal and thing in scrapbook.

❖ Subject – EVS

• Write and learn the answer of given questions.

1. Why do we keep our body clean?
2. How do we keep our body clean?
3. Why do we eat food?
4. How does food help us?
5. How many types of food? Name them.

• Project work

- ❖ Draw or paste picture related keeping our body clean on the chart – paper

❖ विषय : हिंदी

1. “राजा बेटा” कविता याद करें।
2. इ (ि) एवं ई (ी) की मात्रा से बने शब्दों को याद कर लिखें।

❖ परियोजना कार्य :-

1. चार्ट पेपर पर पेड़ का चित्र बनाकर या चिपका कर ‘पेड़ हमारे मित्र’ पर पांच पंक्तियां लिखें

❖ विषय : नैतिक शिक्षा

1. पाठ -1 प्रार्थना याद करें।
2. पाठ -3 ‘वे तीन शब्द’ एवं ‘पाठ – 4 ‘चिकु बन्दर’ का प्रश्नोत्तर याद करें।

❖ परियोजना कार्य :-

1. चार्ट पेपर पर ‘ओ३म्’ लिखकर रंग भरें।
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Class- II

❖ Subject – Math

1. Write table of 2 to 10 on chart paper.
2. Write the number name 1 to 30.

❖ Subject – English

1. Draw and colour a little pussy on a chart paper and write the poem on it.
2. Write ten lines about my school.
3. Draw or paste five pictures of naming words in scrapbook.
4. Write question and answer of lesson 7 'The Sailing Trip' in the notebook.

❖ Subject – EVS

• Project work

1. Draw or paste picture of 10 body parts on the chart – paper
2. Draw or paste five things which keep our body clean on chart paper.
3. Write five food items which we get from plants and animals.

❖ विषय : हिंदी

1. पाठ – 3 'दादी का गाँव' तथा पाठ – 4 'मेहनत का फल' के प्रश्न-उत्तर लिखकर याद करें।

❖ परियोजना कार्य :-

1. चार्ट पेपर पर वर्षा ऋतु से संबंधित चित्र बनाकर रंग भरें।

❖ विषय : नैतिक शिक्षा

1. प्रार्थना याद करें
2. परियोजना कार्य- चार्ट पेपर पर अपनी मां का चित्र चिपक कर या बनाकर उनके बारे में पांच वाक्य लिखें
3. आर्य समाज के पहले और तीसरे नियम को लिखकर याद करें।

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Class- III

❖ Subject – Math

1. Write table of 2 to 20 on chart paper.
2. Make abacus of 4 digit number make a place value chart of 4 digit number on chart paper.

❖ Subject – English

1. Find 30 hard words from your English book and write them with their meanings in a separate thin copy.
2. Paste Picture of some animals which you find in the zoo and write the poem, 'At The Zoo' and decorate it.

❖ Subject – S.St

1. Write the importance of the balanced diet.
2. Draw or paste the picture of popular food items of each state of India.
3. List three methods by which you can avoid wastage of food, water and paper at home.
4. Write question/answer of chapter-4 in the homework notebook.

❖ Subject – Science

Project work

1. Prepare a chart showing two herbs, shrubs, trees creepers and climbers.
2. Learn Question answer of ch-1 and 2.
3. Learn key words of Ch 1 and 2.

❖ Subject – Computer

Assignment

1. Define the term desktop and laptop

Project

1. Draw a picture given in page number 2 on chart paper.

❖ **विषय : हिंदी**

1. पाठ-3 (हाथी और चिड़िया) तथा पाठ- 5 (बहादुर दोस्त) के प्रश्न- उत्तर लिखकर याद करें।

❖ **परियोजना कार्य :-**

1. पानी के परम्परागत स्रोतों का चित्र चार्ट पेपर पर बनाकर रंग भरें।

❖ **विषय : नैतिक शिक्षा**

1. पाठ एक प्रार्थना भजन को सुंदर लिखावट में लिखकर याद करें

परियोजना कार्य -

1. पाठ “सही या गलत” शीर्षक कहानी के आधार पर सही और गलत कार्यों की सूची चार्ट पेपर पर बनाएं।

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Class- IV

❖ Subject – Math

- Write a following numerals in expand form in three ways.
a) 91409 b) 825307 c) 60606
- Draw a place value chart of 6 – digit number. Also mention their period and place.
- Write down the period and place of the underline digit in each numeral.

	Numeral	Period	Place
A	92 <u>9</u> 58		
B	<u>8</u> 7215		
C	6 <u>3</u> 049		
D	<u>1</u> 00000		
E	532 <u>6</u> 9		

- Compare the place value of the underline digit in the numeral.
45052

5. Activity:- Represent the following number on the abacus.

- a) 342041 b) 74015 c) 59678

[On Chart Paper]

❖ Subject – English

- Find 35 hard words from your English book and write them with their meanings in a separate thin copy.
- Paste Picture (at least 6-10) of your favorite sportsman on a chart paper and write an essay on sportsmanship.

❖ Subject – S.St

- Discuss with your parents about five moral values that are important for every person.
- Family celebration are a time of enjoyment for all member of a family. Name a family celebration that you enjoy the most and explain the reasons for the same.

❖ Project work

- Draw a sign language, stick picture of Louis Braille and write about him on the chart paper.
- Stick picture of five main festivals of India and write about it on the chart paper. Write moral values of these festivals.

❖ Subject – Science

Project work

- Prepare a chart showing some 'Edible roots'.

❖ Activity

1. Take a small sapling of grass and a ladyfinger observe their roots and note down their differences.
2. Learn Question answer of ch.-1 and ch.-2.
3. Learn keywords of Ch.-1 and Ch.-2.

❖ **Subject – Computer**

Assignment

1. Write the step to use the paint tool (page no. 19).
2. Write the step to use the line tool (page no. 22).

Project

1. Draw a component of tux paint main screen and mark the name also on chart paper (page no.18).

❖ **विषय : हिंदी**

1. चार्ट पेपर पर दस प्रकार के जीवों के चित्र चिपका कर उनके नाम सुंदर अक्षरों में लिखें |
2. प्रतिदिन एक पृष्ठ सुलेख लिखें |
3. पढ़ाए गए पाठों को याद करें |

❖ **विषय : नैतिक शिक्षा**

1. पाठ 3 तक कार्य पूरा करें और याद करें
2. आर्य समाज के 10 नियम लिखे और याद करें
3. ओम का चित्र बनाकर रंग भरें स्ट्रैपबुक

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Class- V

❖ **Subject – Math**

1. Arrange in columns and add the following:-
 - a) 78651, 2362, 5431
 - b) 6283, 4164, 2194
 - c) 6823, 5460, 8125
 - d) 6872, 8973, 4631
2. Subtract and check your answer:-
 - a) 9845 from 10789
 - b) 3027 from 3259
 - c) 4638 from 6893
 - d) 6825 from 7892
3. Multiply :-
 - a) 35864×125
 - b) 5462×64
 - c) 465×13
 - d) 6231×520
4. Divide: -
 - a) $13625/25$
 - b) $970299/99$
 - c) $13824/24$
 - d) $45360/16$
5. Write the place value and period of the underline digit.
 - a) 123789
 - b) 46724
 - c) 9543
 - d) 76982.

❖ Subject – English

1. Write the definition of 'Noun' and its type with example of each, in a copy.
2. Do all question- answer in your copy of the thought chapters.

❖ Project Work

1. Draw or paste a picture of R.K Narayan and write 10 – 15 line about him.

❖ **Subject – S.St**

1. Why it is important to share responsibilities at home? How do you share responsibility for household chores?
2. Interview a rickshaw- puller in your city and find out the place that he belongs to. List the hardship that he had to face when he migrated to the city.
3. Find out the difference between an immigrant and an emigrant.
4. Suppose one of your family members has to move away to a distant place, what are the things that he or she would be worried about?
5. Observe your colony/village and write down the types of house and materials used to build them.

❖ Project work

1. Prepare a report on hardship faced by people during covid pandemic.

❖ Project work

1. Draw a sign language, stick picture of Louis Braille and write about him on the chart paper.
2. Stick picture of five main festivals of India and write about it on the chart paper. Write moral values of these festivals.

❖ Subject – Science

1. Define

- | | |
|--------------|-------------------|
| a. Organ | e. Photosynthesis |
| b. Breathing | f. seeding |
| c. Joint | g. Germination |
| d. Ligament | h. Seed dispersal |

2. State the function of following.

- | | |
|-----------------|---------------|
| a. The rib-case | e. Wind Pipe |
| b. Joint | f. Seed coat |
| c. Back bone | g. Cotyledons |
| d. Skull | h. Micropyle |

3. Discuss these sense organs in detail.

- | | | | | |
|---------|---------|---------|-----------|---------|
| a. Eyes | b. Nose | c. Ears | d. Tongue | e. Skin |
|---------|---------|---------|-----------|---------|
4. Draw well – labeled diagrams of five different seeds in your notebook.
5. Draw well – labeled diagrams of “Human breathing System”.

❖ Subject – Computer

Assignment

1. What is file? Write the step to create a file in notebook.
2. What is folder? Write the step to create a folder in notebook.

Project

1. Draw a desktop screen and start menu on chart paper (page no.26, 27).

❖ विषय : हिंदी

1. चार्ट पेपर पर दस स्वतन्त्रता सेनानियों के चित्र चिपका कर उअङ्के नाम सुंदर अक्षरों में लिखें ।
2. प्रतिदिन एक पृष्ठ सुलेख लिखें ।
3. पढ़ाए गए पाठों को याद करें ।

❖ विषय : नैतिक शिक्षा

1. शान्ति पाठ को लिखकर याद करें ।
2. शिक्षित होना क्यों ज़रूरी है आपके विचार में राय दीजिये । (20 sentence)
3. आर्य समाज के 10 नियम लिखें । (A-4 Size copy)

❖ विषय : संस्कृत

1. गम् पठ् खाद् वद् लिख् हस् दृश् चल् भ्रम् इत्यादयः धातुरूपस्य लृट् रूपाणि लिखन्तु पठन्तु च । (c.w. copy)

प्रयोजना कार्य:

1. 1-50 तक संस्कृत में संख्या लिखन्तु पठन्तु च । (chart paper)

Summer Vacation Holiday Home Work 2025-26

Class- VI

❖ Subject – Maths

- Find the value by arranging the numbers suitable
 - $125 \times 549 \times 8$
 - $439 + 362 + 561 + 338$
 - $237 + 689 + 763 + 311$
 - $16 \times 125 \times 625 \times 8$
- Find out the least possible missing digit in the place * so that
 - $39*6$ is visible by 3
 - $12*2$ is visible by 4
- Learn and write the definition and properties of factors and multiples.
- Simplify:-
 - $22 - [9 - \{6 - (10 - 4)\}]$
 - $(72 \div 8 \times 9) - (72 \div 8 \text{ of } 9)$
- Make a wall clock using Roman number numerals (use cardboard or chart paper)

❖ Subject – English

1. Write the definition of all the parts of speech along with example.
2. **Project** - write the poem 'leisure' on a chart paper along with the picture given in your book.
3. Do all question-answer in your copy of the taught chapters.

❖ **Subject – S.St**

1. Prepare a model (working static) of solar system.
2. Show the various phases of man on a chart paper in a beautiful manner.
3. On a political outline map of India show all the states as well as union territories with different colours.
4. Find out ten Hard words each from chapter 1 (Geography) chapter 8 (history) and chapter 21 (civics) and give their correct meaning by using dictionary. Do it in homework copy.

❖ **Subject – Science**

Project : Make model of arrangement of particles in solid, liquid and gas.

1. Write vitamins name, functions sources in chart paper.

❖ **Subject – ICT**

Assignment

1. Write the steps to open impress into way:
 - a. Before creating presentation
 - b. After creating presentation

Project

1. Write all do you know of chapter 2 in decorative form on A4 size paper.

❖ विषय : हिंदी

1. चार्ट पेपर पर ऋतु चक्र बनाएं पुरानी हिंदी अखबारों में से अपनी पसंद के विषय जैसे विज्ञापन, खेल समाचार, मनोरंजन, कविता, सिनेमा आदि के बारे में जानकारी इकट्ठा करके उन्हें स्कैपबुक में चिपकाएं।
2. प्रतिदिन एक पृष्ठ सुलेख लिखें।
3. पढ़ाए गए पाठों को याद करें।

❖ विषय : नैतिक शिक्षा

1. 100 साल पहले समाज स्त्रियों की शिक्षा के विरुद्ध क्यों था? आपके विचार में राय दीजिए।
2. 19वीं सदी के अंत तथा 20वीं सदी के प्रारंभ में बहुत सारे ऐसे महापुरुष हुए जिन्होंने स्त्री-शिक्षा पर बहुत जोड़ दिया ऐसे सभी महापुरुषों के नाम खोज कर लिखिए जिन्होंने स्त्रियों को शिक्षा प्रदान किए जाने हेतु कार्य किया। (CW Copy)

परियोजना कार्य

1. किसी भी काम को आखिरी समय तक टालने से क्या-क्या परेशानियां उत्पन्न होती हैं? अपने विचार विस्तार से लिखिए। (CW Copy)
- 2.

❖ विषय : संस्कृतम्

1. पुरः पुरः प्रगच्छरे पाठ का प्रश्न-उत्तर अभ्यास पुस्तिका पर लिखें।
2. बालिकः, लता, साधु, शब्द रूप लिखें।
3. गम्, पठ्, अस्, लिख्, धातुरूप लट्, लङ्, लृट् लकार में लिखें। (CW Copy)

परियोजना कार्य

1. पुरः पुरः प्रगच्छरे पाठ के आधार पर एक काल्पनिक चित्र बनाकर उसका सारांश हिंदी में लिखें। (Chart paper)

Summer Vacation Holiday Home Work 2025-26

Class- VII

❖ Subject – Maths

- Write the definition of the following:
 - Natural number
 - Whole number
 - Rational numbers
 - Integers
 - Fraction
- For $X=\frac{1}{10}$, $Y=\frac{3}{5}$ and $Z=\frac{7}{20}$ find the values of the expression $(X-Y)-Z$ and $X-(Y-Z)$. Are they equal?
- Arrange the following in descending order:-
 - $\frac{2}{5}, \frac{-1}{2}, \frac{8}{-15}, \frac{-3}{-10}$
 - $\frac{-7}{10}, \frac{8}{-15}, \frac{19}{30}, \frac{-2}{-5}$
- Learn and Write the properties of subtraction and multiplication of rational numbers.
- Activity-** Represent $5\frac{1}{3}$, $6\frac{3}{2}$, $\frac{-19}{4}$ and $\frac{-29}{4}$ on the number line. (using chart paper)

❖ Subject – English

English Literature

- Learn question answer of chapter 1-2 and read chapter 3 (carefully)

English Grammar

- Read determiners and tense formation.

Writing skills

- Do practice, article writing, notice writing and email writing.
- Right bio-sketch of John Milton on A4 size sheet of chart paper in 100 words.

❖ Subject – S.St

- Prepare 20 flash cards showing the wildlife species of India. (Flora and Fauna both)
- Prepare a coloured diagram on A4 size paper showing different spheres of the environment.
- Write preamble of Indian constitution on A4 size paper.

❖ Subject – Science

- Write (i) Elements and symbols
(ii) Icons and their symbols in chart paper

Project : Draw Pitcher plant. Explain “why pitcher plant is insectivores plant”? How pitcher plant intake their food ? In chart paper.

❖ Subject – ICT

Assignment

1. Write and learn all Do You Know of Ch-2. Do it in ICT notebook.

Project

2. Draw the picture of Scratch window and mark its components on chart paper(page 14).

❖ **विषय : हिंदी**

1. भारत में मनाए जाने वाले किन्ही 10 त्योहारों के नाम और वह किस महीने में मनाया जाते हैं चार्ट पेपर पर बनाएं।
2. शब्दकोशीय वर्ण क्रम को स्क्रेपबुक में लिखिए।
3. प्रतिदिन एक पृष्ठ सुलेख लिखिए।
4. पढ़ाए गए पाठों को याद कीजिए।

❖ **विषय : नैतिक शिक्षा**

1. गायत्री महामंत्र अर्थ अर्थ सहित लिखकर याद कीजिए।
2. श्री राम को आर्य बनाने वाले गुणों को आरेख में लिखिए।
3. प्रार्थना पाठ-1 को A4 साइज पेपर में लिखिए प्रस्तुत पाठ के आधार पर चित्र भी बनाएं।

❖ **विषय : संस्कृतम्**

1. बुद्धि एव अस्माकं बलम पाठ का प्रश्न - उत्तर अभ्यास पुस्तिका पर लिखें।
2. बालकः, लता, मुनि, साधु शब्द रूप लिखें।
3. . गम्, पठ्, अस्, लिख्, धातुरूप लट्, लङ्, लृट् लकार में लिखें। (CW Copy)

परियोजना कार्य

1. अभ्यास एवं प्रमुख गुरु पाठ के आधार पर एक काल्पनिक चरित्र निर्माण करके उसका सारांश हिंदी में लिखें। (CW Copy)

DAV PUBLIC SCHOOL, MTPS, KANTI, MUZAFFARPUR
Summer Vacation Homework (2024-25)

Class : VIII

Subject:- Social Science

1. Prepare a pictorial flow – chart showing the classification of resources giving at least a suitable example of each category or resource.
2. On the outline political map of world show the Distribution of Rainfall.
3. Collect the popular slogans used during the freedom struggle of India and write them on placards. Also display them on display board of your class.
4. Collect the picture of some famous 'Monuments' of our country, which are still standing as an example of their architectural style.

Subject:- Mathematics

1. Evaluate :- $\sqrt{98} \times \sqrt{162}$.
2. Evaluate :- $\sqrt{9.8596}$.
3. What least number must be subtracted from 6203 to make it a perfect square?
4. By which smallest number must 5400 be multiply to make it a perfect cube?
5. Project Work :- Write square of the number from 1 to 50 on a chart paper and also learn it.
6. Revise and learn questions and topics from the chapters completed till now.

Subject-Hindi

1. 'हम पंछी उन्मुक्त गगन के' कविता में पंछियों की कौन – कौन सी इच्छाएँ व्यक्त की गयी है , उन्हें अपने शब्दों में लिखिए A4 साइज पेपर पर चिड़ियों की आज़ादी से सम्बंधित चित्र बनाइए।
2. 'आयुष्मान योजना' पर लगभग 100 – 200 शब्दों में अनुच्छेद लिखिए ।
3. 'र' के सभी रूपों से पाँच-पाँच शब्द लिखिए ।
4. उपमा, रूपक और मानवीकरण अलंकार के दो – दो A4 साइज पेपर पर लिखिए ।
5. पाँच सुविचार लिखिए और याद कीजिए ।

Subject:- Science

1. Write the functions performed by the following cell organelles.
a) Endoplasmic reticulum b) Golgi complex. c) Nucleus
d) Chromoplast. e) Vacuoles. f) Mitochondria
2. With the help of well labelled diagrams highlight three differences between a plant cell and animal cell.
3. Write the physical and chemical properties of metal and nonmetal.
4. Why are gold and platinum suitable for making jewellery?

5. Sodium and potassium is stored under kerosene give reason.
6. List any two uses of metal and nonmetal.

Project

1. Make a model of a) Plant cell b) Animal cell
2. On the chart paper draw the reactivity series of metals.

Subject – ICT

Assignment

1. Write and explain the requirement for designing a website (page no 23,24)

Project

1. Write all "Do you know" of ch-2 in decorative form on a A4 size paper

Subject: :-Sanskrit

1. बालक, लता, नदी, मुनि, साधु, अस्मद्, युष्मद् और किम् शब्दों के रूप अपनी उत्तर पुस्तिका में लिखकर याद करें।
2. अस्, पठ्, सेव् और कृ धातुओं के रूप पाँच लकारों में लिखकर याद करें।
3. एक से सौ तक संस्कृत में गिनती लिखकर याद करें।
4. सुवचनानि पाठ के सभी श्लोकों को अर्थ के साथ लिखकर याद करें।

Project Work

स्वर संधि के सभी भेदों के नाम के साथ सब के पाँच-पाँच उदाहरण लिखकर दिखाए।

Subject-D.S

1. आर्य समाज के दस नियमों को A4 साइज पेपर में लिखिए।
2. 'अथेश्वरस्तुति प्रार्थनोपासना' मंत्र A4 साइज में लिखिए और याद कीजिए।
3. हवन में प्रयुक्त आवश्यक वस्तुओं की सूची – चित्र सहित बनाए।

Subject-English

1. Learn question answer of chapter 1 and 2 and read chapter 3 carefully .
2. Read determiners and tense formation.
3. Do practice article writing, notice writing and email writing.
4. Write bio-sketch of John Milton on A4 size sheet of paper in 100 words.

DAV PUBLIC SCHOOL, MTPS, KANTI, MUZAFFARPUR
Summer Vacation Homework (2024-25)

Class : IX

Subject:- Mathematics

1. Express $2.363636.... + 0.232323.....$ as a fraction in simplest form.
2. Represent $\sqrt{4.3}$ geometrically on the number line.
3. Factorise : $\sqrt{2}x^2 + 9x + 4\sqrt{2}$.
4. Factorise : $x^3 + 13x^2 + 32x + 20$

Project Work :- Draw square root spiral.

[Revise and learn questions and topics from chapter completed till now.]

Subject–Science

Physics

1. Write and learn the following terms:

- | | | | |
|-------------------|-----------------------|--------------------|-----------------------|
| a) Motion | b) Rest | c) Reference Point | d) Frame of Reference |
| e) Speed | f) Distance | g) Displacement | h) Average Speed |
| i) Uniform motion | j) Non Uniform motion | k) Acceleration | |

2. Prove 1st, 2nd and 3rd equation of motion graphically.

Project Work :-

1. In a project file draw a distance time graph from uniform motion and non uniform motion.
2. In a project file draw speed – time graph from uniform and non uniform motions.

Chemistry

1. Compare in tabular form on A4 paper size the properties of solids, liquids and gases with respect to :

- | | | | | |
|----------|-----------|--------------------|--------------|-------------------------|
| a) Shape | b) Volume | c) Compressibility | d) Diffusion | e) Fluidity or Rigidity |
|----------|-----------|--------------------|--------------|-------------------------|

2. Make a pictonary of 50 new words related to chemistry from the chapters of NCERT and also paste pictures related to the topics.

Biology

1. Make a model of plant and animal cell.

Subject–Social Science

History

1. Write a short biography of Napoleon Bonaparte.
2. Paste the political symbol of 18th century (pg. no. -13) and write their name with meaning.
3. Make a collage of the events related to French Revolution.

Political Science

1. Give a brief introduction of 15 female members of constituent assembly with picture.

Geography and Economics

1. Prepare 20 objectives (1 marks) questions from following 3 chapters:

Geography- Ch- 1, 2

Economics – Ch- 1

2. Prepare Map work from Geography – Ch-1& Ch- 2
3. Revise & learn questions & topics from chapter completed till now.

Subject–English

1. Write 50 new words with their meaning in a separate thin word meaning copy.
2. Write the character sketches of Williamworth including his notable works in file.
3. Write a short story in 200-250 words with the help of the clues given below. Give a suitable title to the story. Clues

It was Mohini's first day at the new school. She was feeling very nervous .She stood in a corner and watched the students who were laughing and talking excitedly. When she saw four senior students advancing towards her , she

Subject – IT

Assignment

1. Complete the notes of Data entry and Keyboarding Skill in H.W. Copy

Project

1. Draw the labelled diagram of Keyboard on Chart Paper

Subject: :-Sanskrit

1. बालक, लता, नदी, साधु, अस्मद, युस्मद और तत शब्दों के रूप अपनी उत्तर पुष्टिका में लिखकर याद करें ।
2. अस्, पठ्, सेव् और कृ धातुओं के रूप पाँच लकारों में लिखकर याद करें।
3. स्वर एवं व्यंजन संधियों में पढ़ाये गये संधियों के नाम पाँच – पाँच उदहारण के साथ लिखे ।

4. अपनी पाठ्य पुस्तक से 'पाथेय' पाठ के सभी श्लोकों को अर्थ के साथ लिखकर याद करें।

प्रोजेक्ट वर्क :-

'अविवेकः परमानंदां पदम्' पाठ के आधार पर एक चित्र बनाकर पाठ सारांश हिन्दी में लिखे।

Subject-Hindi

1. 'कबीरदास' साखियां एवं शब्द का प्रश्न उत्तर बनाएंगे।
2. 'दो बैलों की कथा' पाठ का प्रश्न उत्तर स्मरण करेंगे।
3. दो बैलों की कथा में कौन-कौन से नीति उभर कर सामने आते हैं?
4. मृत्यु का तरल दूध किसे कहा गया है और क्यों ?
5. वैश्विक तापमान में वृद्धि सृष्टि के लिए खतरा विषय पर लगभग 100 शब्दों में अनुच्छेद लिखिए।
6. कबीर दास की संक्षिप्त जीवनी रचना एवं आकर्षक चित्र प्रस्तुत कीजिए।

DAV PUBLIC SCHOOL, MTPS, KANTI, MUZAFFARPUR

Summer Vacation Homework (2024-25)

Class : X

Subject:- Mathematics

1. Prove that $(2+3\sqrt{5})$ is an irrational number given that $\sqrt{5}$ is an irrational number.
2. If -2 is a zero of the polynomial $3x^2 + 4x + 2k$ then find the value of k.
3. If -4 is a zero of the polynomial $x^2 - x - (2k + 2)$ then find the value of k.
4. Places A and B are 100 km apart on a highway. One car starts from A another from B at the same time. If the cars travel in the same direction at different speeds, they meet in 5 hrs. If they travel towards each other they meet in 1 hr. What are the speeds of the two cars?
5. A train covered a certain distance at a uniform speed. If the train had been 6 km/hr faster, it would have taken 4 hrs less than the scheduled time. And, if the train were slower by 6 km/hr, it would have taken 6 hrs more than the scheduled time. Find the length of the journey.

Project Work :---

To use the graphical method to obtain the conditions of consistency and hence to solve a given system of linear equations in two variables.

Subject-Science

Physics

1. Write and learn following terms

(i) Pole (ii) Centre of curvature (iii) Radius of curvature (iv) Focus
(v) Focal length (vi) Principal axis.

2. Define reflection of light. Write two laws of reflection of light.
3. Write any three uses of concave mirror, convex mirror and plane mirror.

Project work

1. On a chart paper draw the ray diagram to show the formation of image by concave mirror all six cases.

Chemistry

1. Make a Pictionary of 50 new words related to chemistry from the chapters of NCERT and also paste pictures related to the topic.
2. Find out at least 10 different chemical reactions happening in your daily life. Write down their balanced chemical equations and categorize them according to the reaction.
3. Prepare your own indicator using beetroot, Red cabbage leaves, turmeric or china Rose.

Biology

1. Define the structure and function of neuron on chart paper, with the help of diagram.
2. With the help of diagram, Explain the nutrition in Ameoba and paramoeciun on chart paper.

Subject–English

1. Write about a memorable day during summer vacation , focusing on your thoughts and feelings.(Dairy writing).
2. Practice formal and analytical paragraph writing. Examples include complaint letters to the editor and analysis of graph, chart and data.
3. Write the symbolic messages of the poems ‘Dust and Snow’ and ‘Fire and Ice’.
4. Write a short story or a poem exploring different writing styles and poetic devices.
5. Choose a novel (outside of your textbook) and write a detailed review , summarizing the plot , analyzing character development and discussing the theme.(project work on A4 size paper).

Subject – IT

Assignment

1. Complete the notes of Electronic Spreadsheet in H.W. copy

Project

1. Draw a labeled diagram of Open Office Writer Window on Chart Paper.

Subject–Social Science

History/Civics

1. Complete all NCERT questions of chapter 1[National in Europe].
2. Collect and paste pictures of 5 allegory & give brief descriptions about them.
3. On a outline map of world locate and level the countries having federal division of power (page number 14).
4. Complete activity given on page number 19 on physical map of India.

Geography

1. What is resource?
2. What is sustainable development?
3. Classification of resources:
 - a. Basis of origin
 - b. Basis of exhaustibility
 - c. Basis of ownership
4. Write about agenda 21.

5. What are the three steps involved in resource planning in India?

6. Define the following:

- a) Bhangar b) Khader c) Bhabar d) Terai

7. Outline physical map of India Mark & label major soil types.

Economics

1. What is national income?
2. What is meant by per capita income?
3. What is human development?
4. What is meant by economic growth & economic development?
5. Write explanation capital UNDP, WDR, IMR, NAR, PDS, HDI.
6. Collect latest information related to India.
 - a. Infant mortality rate
 - b. Literacy rate
 - c. Rank on human development index
 - d. Net attendance ratio

Subject: :-Sanskrit

1. अपनी पाठ पाठ्यपुस्तक मणिका के पाठ 12 का प्रश्न उत्तर अभ्यास पुस्तिका पर लिखें ।
2. स्वर संधि व्यंजन संधि और संधि के पांच पांच उदाहरण लिखें ।
3. अनीयर, तव्यत् प्रत्यय से पाँच- पाँच उदाहरण लिखे ।
4. बालक लता मुनि नदी साधु शब्द रूप अभ्यास पुस्तिका पर लिखें
प्रयोजना कार्य
5. वांगमयः तपः पाठ के आधार पर काल्पनिक चित्र बनाकर पाठ का सारांश हिंदी में लिखें ।

Subject-Hindi

1. सूरदास के पद का प्रश्न उत्तर बनाएंगे।
2. नेताजी का चश्मा प्रश्नोत्तरी स्मरण करेंगे।
3. डुट क्रीडा के दुष्परिणामों की जानकारी हेतु नल दमयंती कहानी का अध्ययन करेंगे ।
4. पाकिस्तान के साथ युद्ध आतंकवादियों का सफाई किए बिना युद्ध बंद करने के पक्ष या विपक्ष में अपना तर्क दें अनुच्छेद लगभग 100 शब्दों में लिखें ।

प्रयोजना कार्य

1. सूरदास की संक्षिप्त जीवनी एवं रचना प्रस्तुत करते हुए उनका आकर्षक चित्र बनाएं।

Summer Vacation Holiday Home Work 2025-26

Class- UKG

❖ Subject – English

1. What is your name?
2. What is your father's name?
3. What is your mother's name?
4. How old are you?
5. In which class do you read?

❖ Revision of small and capital letters A a to Z z

❖ Project work

1. Draw picture with A to Z on white paper and paste in scrapbook.
2. Paste the picture 'a' and 'e' vowel words in the family tree on white chart paper.

❖ Subject – Math

- 1) Write Counting in notebook (1 to 30).

❖ Activity :

- ❖ Paste the picture of big and small objects, long and short object, in the scrapbook.
- ❖ Write number 1 to 10 and paste pictures.

❖ विषय : हिंदी

1. अ, आ, इ एवं ई अक्षरों की कहानी को पढ़ना।
2. स्वर वर्ण अ से अः तक पढ़ना।
3. व्यञ्जन वर्ण क से न तक पढ़ना।

❖ क्रियाकलाप :-

1. स्वर तथा व्यञ्जन वर्णों की माला बनाना (स्क्रेपबुक में)।
2. गर्मी में खाए जाने वाले फलों तथा सब्जियों का चित्र (स्क्रेपबुक में) चिपकाना।

Summer vacation home work 2025-26

Class – XII

Subject : Biology

1. Explore the causes, symptoms, diagnosis, and treatment prevention of AIDS on A4 sheet.
2. **Project:**
Application of biotechnology – introduction, recombinant DNA technology, application in agriculture, medicine etc.

Subject: Physics

1. State Gauss's law on electrostatics and derive an expression for the electric field due to a long straight thin uniformly charged wire at a distance " r " from the wire.
2. (i) Deduce the expression for the torque acting on the dipole of dipole moment \mathbf{p} in the presence of uniform electric field \mathbf{E} .
3. Do the exercise questions of chapter 1 NCERT.
4. State and prove Coulomb's law.
5. Derive an expression for the electric potential at a point distance r from a point charge.
6. Derive an expression for electric potential at a point along the axis of the dipole.

PROJECT WORK

TO study the variation in current flowing in a circuit containing an LDR because of a variation in

(a) The power of incandescent lamp, used to illuminate the LDR (keeping all the lamp at fixed distance)

Subject: Chemistry

1. To solve Question (Numerical) on solution from NCERT Exemplar.
2. a. Type: I MCQ: Q. No. 01 to 26.
b. Type: II Short Answer: Q. No. 36 to 46
c. Type: III Long Answer: Q. No. 55 to 62

Project

1. **Study of adulterants in food stuffs.**

Subject–English

1. Choose a novel (outside of your text book) and write a detailed review summarising the plot analyzing character development and discussing theme project work on A4 size paper.
2. Practice formal and informal letter writing examples include complaint letters, letters to the editor and personal letters.
3. Write about a memorable day during summer vacation focusing on your thoughts and feelings (Diary entry).
4. Write the symbolic message on the poem 'Keeping Quite' in about 100 words .
5. Write an article for a school magazine on a topic of your choice such as current event or an issue you care.

