

JAI NARAYAN VIDYA MANDIR INTER COLLEGE
HOLIDAY HOMEWORK : 2024-25

Class : 6

JN : 140

Subject : ENGLISH

NOTE : All work should be done in file.

1. Write 10 sentences about the '7 Wonders of the World' and paste pictures of all '7 Wonders of the World'.
2. Write 10 sentences about any 5 famous cricketers and paste pictures also.
3. Write 10 sentences about 5 freedom fighters or politicians :
(i) Mahatma Gandhi (ii) Subhash Chandra Bose (iii) Sardar Bhagat Singh
(iv) Narendra Modi (v) Atal Bihari Bajpai
4. Write 250 words of 'How do spent your summer vacation.'

विषय : हिन्दी

1. प्रतिदिन एक पेज सुलेख हिन्दी वसंत की किताब से देखकर लिखें साथ ही क वर्ग – क, ख, ग, घ से प्रारंभ होने वाली रामचरित मानस की 10 चौपाई सुलेख की कॉपी में लिखें और याद करें।
2. पर्यावरण प्रदूषण और जन्माष्टमी पर सचित्र निबंध लिखें।
3. कमल, सूरज, पक्षी, आग, सरस्वती, सर्प, घोड़ा, हाथी, चंद्रमा, नदी शब्द क तीन-तीन पर्यायवाची चित्र सहित लिखिए।
4. किन्हीं दो वीर बालकों का सचित्र जीवन वृत्तांत लिखिए।
5. आप ग्रीष्मावकाश में जहां घूमने गए हों वहां की यात्रा का अनुभव अपने शब्दों में लिखिए।

नोट – सुलेख-सुलेख की कॉपी में करना है। शेष गृहकार्य 40 पेज की Interleaf कॉपी में करना है।

Subject : MATHS

1. Write tables 2 to 20 upto 5 times.
2. Collect any 5 mathematician picture and paste it in file and write information on any one of Mathematician.
3. Make a poster on 'BODMAS' write its full form and one application (example).
4. Make a chart on Roman numbers upto 1 to20 using matchsticks.
5. The students will write mobile numbers of all their family members and fill the following table below :

S.No.	Mobile No.	Name according to Indian System	Name according to International system

6. Make different geometrical shapes with the help of coloured sheets.
(cylinder, Cone square, rectangle)
 7. Make a chart of properties of Addition subtraction, multiplication and division of whole number on A3 Sheet.
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विषय : संस्कृत

1. विद्यालय की सरस्वती वन्दना श्लोक तथा अर्थ सहित लिखिए ।
 2. श्रीमद्भगवद्गीता के पांच श्लोक अर्थ सहित लिखिए ।
 3. पांच फलों के, सब्जियों के, फूलों के, रंगों के, सम्बन्धियों के, गृहोपयोगी वस्तुओं के नाम लिखिए ।
 4. एक से लेकर बीस तक की संख्या संस्कृत में लिखिए ।
 5. फल व नदी क शब्द रूप लिखिए ।
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Subject : COMPUTER

1. Create a presentation based on different type of computer.
 - Slide more than 5
 - Submit a hardcopy (Printout)
- OR
- Make a chart based on embedded computer.
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Subject : MORAL EDUCATION

1. Write 10 lines and paste pictures of Temples of South India (any five).
 2. Write 10 quotations of famous personalities in English on the Topic Education.
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विषय : आर्ट

1. पाँच फलों का चित्रण कीजिए जो आपने ग्रीष्मावकाश में खाए हों।
 2. पाँच सब्जियों का चित्रण कीजिए जो आप लोगों के घर में बनाई गई हो।
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**JAI NARAYAN VIDYA MANDIR INTER COLLEGE
HOLIDAY HOMEWORK : 2024-25**

Class : 7

JN : 130

Subject : ENGLISH

1. Make a parts of speech tree on the chart.
2. Write any two poems and draw the picture.
3. Write 20 Antonyms and Synonyms.
4. Write 10 pages of beautiful handwriting.
5. Create an album capturing moments how mother has helped you on several occasions.

Note : Rest of the all work should be in extra notebook.

विषय : हिन्दी

1. प्रतिदिन एक पेज सुलेख हिन्दी वसंत की किताब से देखकर लिखें साथ ही त वर्ग – त, थ, द, ध से प्रारंभ होने वाली रामचरित मानस की 15 चौपाई सुलेख की कॉपी में लिखें और याद करें।
2. विज्ञापनों से भरी दुनिया और दीपावली पर सचित्र निबंध लिखें।
3. झंडा, बंदर, प्रार्थना, बछली, वृक्ष, गंगा, राजा, पक्षी, सूर्य, चंद्रमा शब्द के तीन-तीन पर्यायवाची चित्र सहित लिखिए।
4. किन्हीं दो वीर योद्धाओं का सचित्र जीवन वृत्तांत लिखिए।
5. आप ग्रीष्मावकाश में जहां घूमने गए हों वहां की यात्रा का अनुभव अपने शब्दों में लिखिए।

नोट – सुलेख-सुलेख की कॉपी में करना है। शेष गृहकार्य 40 पेज की Interleaf कॉपी में करना है।

Subject : MATHS

1. Write the minimum and maximum temperature of your area for 15 days.
2. Prepare crossword puzzle/game with integers.
3. Write a short note "Effect of Maths in daily life".
4. Watch the movie "RAMANUJAN" on you tube and write about his contribution in the field of Mathematics.
5. Complete the following table : (Any 5 vegetables and 5 fruits.)

Name of Veg./Fruit	Rate of 1 kg.	Rate of 100 gm	Rate of 500 gm.	Rate of 5 kg.
6. Make a chart on different types of fractions.
7. Write the summary of the properties of integers in file.
8. Arrange weight (in kg.), height (in cm.) of your family members and write in ascending and descending order.

विषय : संस्कृत

1. अ, क, न, स, प अक्षर से गीता के दो-दो श्लोक अर्थ सहित लिखिए ।
2. एक से पचास तक की संख्यायें संस्कृत में लिखिए ।
3. कालीदास की रचनाओं के नाम तथा उनके विषय में संक्षिप्त रूप से लिखिए ।
4. शब्द रूप-बालः लिखिए ।
5. धातु रूप-पठ् की पांच लकारें पूरी लिखें ।

Subject : SCIENCE

1. **Activity 1 : HUMAN DIGESTIVE SYSTEM**

- Draw a labelled diagram of the digestive system including the mouth, oesophagus, stomach, small intestine, large intestine, and anus.

2. **Activity 2 : TURMERIC AS AN INDICATOR**

- Take a paper and make a turmeric solution (turmeric + water)
- Now with the help of cotton, colour the paper with turmeric solution.
- Now add/draw any pattern with the help of cotton/earbud of washing powder solution.
- Observe the change and note down it.
- Again squeeze some lemon juice on it and observe it.

3. **Activity 3 : TYPES OF TEETH**

- Try to play with clay. Have some clay and give shapes of different types of teeth and draw a model of a jaw with these teeth (clay).

4. **Activity 4 : DIY RAINBOW**

- Fill a glass with water.
- Shine a flashlight through the glass onto a white surface.
- Place a mirror partially submerged in the water at an angle.
- Adjust the angle of the mirror until a rainbow is visible on the surface.

5. **Activity 5 : Write down five interesting facts about following scientists and also paste their photos.**

(a) Jagdish Chandra Bose (b) Srinivasa Ramanujan (c) E. Sreedharan

- Do all work in A4 sheets or chart sheets as per requirement.

Subject : S. ST.

1. Collect the pictures of some famous sufi saints and Bhakti saints and paste them in your file.
 2. Collect leaves of the everygreen trees and name them.
 3. Find out the names of the Governor, the chief minister and five other important ministers of your state and write their names.
 4. Collect pictures of some famous social reformers of the 19th century and paste them in your file.
 5. make a list of the wild life sanctuaries situated in your state.
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Subject : COMPUTER

1. Make a power point presentation on the topic. Digital India.
 2. Presentation should be minimum 8 slides.
 3. There should be a picture inserted in the presentation.
 4. Submit the hard copy (printout) of the presentation in a transparent file.
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Subject : MORAL EDUCATION

1. Write and paste pictures of Chardham Yatra of Uttarakhand.
 2. Write and paste of Shakti Peeth of India.
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विषय : आर्ट

1. एक प्राकृतिक चित्रण कीजिए और रंग कर पूर्ण कीजिए ।
 2. अपनी पसन्द के चार फूलों का चित्रण पत्तियों सहित कीजिए ।
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JAI NARAYAN VIDYA MANDIR INTER COLLEGE
HOLIDAY HOMEWORK : 2024-25

Class : 8

JN : 140

Subject : ENGLISH

"Summer means happy times and good sunshine".

1. Prepare an attractive comic strip on chapter "How the camel got his hump".
2. **Activity** : Writing a short Poem, Make landscape (Beauty of nature / collage / painting / paper cutting and folding) to show the beauty of nature and compose your own poem with appropriate title.
3. Make kind of sentence's tree and decorate it using colours, colourful tapes, stickers.
4. Create an album capturing moments and share your holidays experience with us. You can supplement it with photographs from your trip along with caption.
5. **Word of the day** : Learn two words daily and make a beautiful dictionary of it. Words have to be written with date.
6. Answer the following questions :
 - (i) Describe the differences between the Ant and the Cricket.
 - (ii) Tilly's story had some important messages attached to it, what were they?

विषय : हिन्दी

1. प्रतिदिन एक पेज सुलेख हिन्दी वसंत की किताब से देखकर लिखें साथ ही प वर्ग – प, फ, ब, भ से प्रारंभ होने वाली रामचरित मानस की 20 चौपाई सुलेख की कॉपी में लिखें और याद करें।
2. दिन-प्रतिदिन बढ़ता प्रदूषण और विजयदशमी पर सचित्र निबंध लिखें।
3. भक्तिकाल के दो कवियों का सचित्र जीवन-परिचय और उनकी रचनाओं का उल्लेख कीजिए।
(सूरदास, तुलसीदास, मीराबाई, कबीरदास)

4. किन्हीं दो स्वतंत्रता सेनानियों का सचित्र जीवन परिचय लिखिए।
5. आप ग्रीष्मावकाश में जहां घूमने गए हों वहा की यात्रा का अनुभव अपने शब्दों में लिखिए।

नोट – सुलेख-सुलेख की कॉपी में करना है। शेष गृहकार्य 40 पेज की Interleaf कॉपी में करना है।

Subject : MATHS

1. Watch the movie 'RAMANUJAN' on Youtube and write about contribution in the field of Mathematics.
2. Google the "Name of the mathematician" who have got the "Noble Prize" and mention the work for which he got the Noble prize.
3. Write the minimum and maximum temperature of your area for 15 days.
4. Collect any three photographs, paste them and find area and perimeter for each one of them.
5. Collect information about National Mathematics day and make a poster related to it.
6. Prepare a model of fort / temple / monument using 3-dimensional shapes such as cylinder, cube, cuboid etc.
7. Write two ideas which inspired you to study mathematics.
8. Make Hanoi Tower using four discs and solve it using formula $(2^n - 1)$. Where $n=1$ No. of discs.

विषय : संस्कृत

1. पांच श्लोक सुभाषित के लिखिए।
2. य, र, च, ज, म अक्षर श्रीमद्भगवद्गीता के दो-दो श्लोक अर्थ सहित लिखिए।
3. संस्कृत के लेखकों क नाम चित्र सहित लिखिए।

4. एक से लेकर सौ तक की संख्यायें संस्कृत में लिखिए ।
 5. पद् धातु के रूप पांचों लकारों में लिखिए ।
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Subject : SCIENCE

1. **Activity 1 : DIY sound Vibration experiment** fill the shallow container with water but not to the brim, Arrange the glasses or cub's in a line next to each other on the surface of a water. Add water to each glass. Filling them to different levels gently tap on water. Observe the ripples and vibrations created on the surface of the water. Explain reason and procedure in A4 sheets.
 2. **Activity 2 : HOMEMADE COMPASS**
 - Rub a needle on a magnet several times in the same direction.
 - Float the needle on a piece of cork in about of water.
 - The needle will again itself with the Earth's magnetic field indicating north and south.Note down object and procedure in A4 sheets.
 3. **Activity 3 : DIY PAPER AIRPLANES**

Fold different types of paper airplanes and test which one flies the farthest or stays in the air the longest.

Paste all airplanes in chart sheets and result in A4 sheet.
 4. **Activity 4 : HUMAN DIGESTIVE SYSTEM**

Draw a labelled diagram of the digestive system including the mouth, osophagus, stomach, small intestine, large intestine and anus.
 5. Write down five interesting facts about following scientist and also paste their photos :
(a) Homi J. Bhabha (b) Dr. A.P.J. Abdu Kalam (c) Satyendra Nath Bose
- Do all work in A4 sheets or chart sheets as per requirement.
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Subject : S. ST.

1. Collect pictures of some famous social reformers of the 19th century and paste them in your file.
 2. Collect more information about the Nalanda University.
 3. Mark the centres of the Revolt of 1857 in the map.
 4. Prepare a project on the theme "The cotton textile industry in India - then and now."
 5. Find out How drinking water is supplied in your locality and prepare a project on the topic.
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Subject : COMPUTER

1. Make a Powerpoint presentation on the topic online shopping.
 2. Presentation should be minimum 8 slides.
 3. There should be a picture inserted in the presentation.
 4. Submit the hard copy (Printout) of the presentation in a transparent file.
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Subject : MORAL EDUCATION

1. Write and paste pictures of Jyotirlinga of India.
 2. Write and paste pictures of Historical places of India (any five).
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विषय : आर्ट

1. अवकाश मे आप लोग जहां घूमने जाएं वहां का प्राकृतिक चित्रण कीजिए ।
 2. वस्तु चित्रण में एक जग, सुराही का चित्रण कीजिए ।
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JAI NARAYAN VIDYA MANDIR INTER COLLEGE
HOLIDAY HOMEWORK : 2024-25

Class : 9

JN : 220

Subject : ENGLISH

READING SKILLS

Read the newspaper daily and write only one news article daily under the given headings like National, International, Sports, Films and Business and express your views on it.

WRITING SKILLS

Write an article on the topic The Benefits and Harms of Computers or Mobile phones. Word limit is 200-300 words.

Design a poster on the great personalities or freedom fighters like Subhas Chandra Bose, Bhagat Singh etc.

THINKING SKILLS

Write a self composed poetry on the given topics with minimum two stanzas.

(i) Music

(ii) My School, My Pride

Dictionary Work : Select minimum 30 new words and make sentences by using them.

Note : Make a separate register for Holiday Homework.

विषय : हिन्दी

आलोक – निर्देशानुसार निर्धारित गृहकार्य अनिवार्य रूप से करें।

1. आप प्रतिदिन दूरदर्शन पर, समाचार पत्र पर विज्ञापन देखते-सुनते एवं पढ़ते हैं और इनमें से कुछ विज्ञापन आपको अत्यधिक आकर्षित करते हैं। आप किसी एक विषय/वस्तु पर सुन्दर सा सचित्र रंगीन विज्ञापन तैयार कीजिए।
2. पशु-पक्षियों अथवा प्रकृति पर आधिरित कविताओं का संग्रह (एकत्रित) कीजिए और उनके चित्रों के साथ प्रदर्शित कीजिए।

अथवा

कोई एक स्वरचित कविता लिखिए। (सचित्र)

3. 'श्रीरामचरितमानस' से मनपसंद कोई दस चौपाइयां लिखकर (कण्ठस्थ) याद करें।
 4. भारतीय ऋतु चक्र में छः ऋतुएं मानी गई हैं। उन सभी ऋतुओं के नाम लिखकर किसी एक ऋतु पर अनुच्छेद लिखिए।
 5. निम्नलिखित विषयों में से किन्हीं दो विषयों पर 'लघु कथा' लिखिए—
क. शिक्षा का महत्व ख. सच्चा मित्र ग. लालची राजा घ. ज्ञान बड़ा बलवान
(समस्त कार्य ग्रीष्मावकाश गृहकार्य हेतु नई कॉपी पर करें)
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Subject : MATHEMATICS

1. To represent some irrational number on the number line.
 2. To make a square root spiral by using paper folding.
 3. To verify the algebraic identity $(a + b)^2 = a^2 + 2ab + b^2$ by paper cutting and pasting.
 4. To form a cube and cuboid and find the formula for their surface area.
 5. To verify that the angles in the same segment of circle are equal.
 6. To obtain the pattern of sum of interior angle of a regular polygon.
 7. To write about famous mathematician :
(a) Srinivasa Ramanujan (b) Aryabhatta (c) Pythagoras
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Subject : PHYSICS

1. Make a file on any 5 Indian Scientist and write their work in field of science :
(i) Satyendra Nath Bose (ii) C.V. RAMAN (iii) Dr. A.P.J. Abdul Kalam
(iv) Prafull Chandra Ray (v) Homi Jahangir Bhabha
 2. In Home appliances write the conversion takes place like electric energy to Chemical energy.
 3. By using Ice-cream stick make a wave and indicate the properties of wave.
 4. Give examples to show how Newton's laws of motion are applicable in our daily life.
 5. Explain why friction is friend or foe by giving an example and write detailed information.
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Subject : CHEMISTRY

Activity 1 : ACID BASE REACTIONS : Perform simple acid base reaction using household items like vinegar (acid) and baking soda (base) to observe fizzing and gas release Discuss the phenomena and result in 4 sheet.

Activity 2 : RUST FORMATION : Set up an experiment to observe rust formation place a nail in water, saltwater and vinegar separately and observe which environment causes the most rust. Discuss the result in A4 sheet.

Activity 3 : MAKING INVISIBLE INK : Create invisible ink using lemon juice, milk and baking soda solution. Write a message let it dry then reveal the message by heating. Compile the message in A4 sheet also discuss the phenomena.

Activity 4 : DIY pH INDICATOR : Make a DIY pH indicator using beetroot juice or turmeric water. Test various household substances (vinegar, coffee, tea, soap, water) to determine their acidity or basicity. Discuss the result in A4 sheet.

Activity 5 : Make a chart for one Indian scientist. (Prfull Chandra Ray, Shanti Swaroop Bhatnagar, Satyendra Nath Bose, C.V. Raman, APJ Abdul Kalam, Srinivasa Ramanuj, Homi J. Bhabha, Vikram Sarabhai, C.N.R. Rao, Chandrasekhar Venkata Raman)

Subject : BIOLOGY

1. Write the contribution of following scientists in the study of the cell.
(i) Robert Hooke (ii) Purkinje (iii) Robert Brown (iv) Schleiden & Schwann
2. State the main functions of each of the following components of the cell.
(i) Plasma membrane (ii) Mitochondria (iii) Nucleus (iv) Ribosome
3. Draw the diagrams of plant cell and animal cell. Label the cell organelles present in them.
4. Revision of the Chapter-5 'The Fundamental Unit of Life'.
Draw diagrams of the cell organelles on A4 size sheet and write the name of the scientist who discovered it.
5. **Activity 5** : Consider a cell like your school. Each part of the cell (school) has responsibilities that must be done and certain organelles (people) to do them. Identify the functions of the following parts of the cell then identify which person does the same job.

One is done as an example to follow :

For e.g. Cell Membrane Controls what goes in and out of the cell Front office

S.No. Organelle Function Part of school that has a similar function

1. Mitochondria
2. Nucleus
3. Ribosome
4. Cytoplasm
5. Golgi Body
6. Cell wall (only in plant cell)

6. Prepare plants in small Earthen pot (hunda) of following seed : wheat, Gram, Maize, Bean and write observation after each week.

• *All the work should be done on A4 sheets and make a file report of it.*

Subject : SOCIAL SCIENCE

1. Write about the major leaders of the constituted Assembly along with their picture.
2. Write a report on the dependence of the Indian Agriculture on mansoonal rainfall.
3. Is democracy a suitable form of government for India? If Yes / No Write your own opinion.
4. If you were given responsibility of saving the trees and increasing their number what steps would you take.
5. Find out about silk rote of the ancient world and mark the countries through which the route passed in a political world map. Write about the major items that were trade along this rout.
6. Draw the map of India and locate state and capitals.
7. Design a pro-democracy poster listing the most important factor that make a democracy.
8. Write a report on the dependence of Indian agriculture on monsoonal rain fall.

Subject : COMPUTER

1. Create a PowerPoint presentation which is based on Artificial Intelligence (AI).
 - (i) Slides more than 8
 - (ii) Submit a hardcopy (Printout)
 - (iii) Front page designed by M.S. Word
- OR
- Make a chart - based on 4 input devices.
- OR
- Make a chart based on 4 output devices.