



N.D. Jain School Bah (Agra)



SUMMER HOLIDAY HOMEWORK



Class - VIII

Science Holiday Homework

Answer the following questions-

1. Write advantages and disadvantages of fossil fuels.
2. Read chapter-4 and fill the exercise.
3. Why should we use modern methods of irrigation instead of traditional methods of irrigation.
4. How are microorganisms useful in food and beverage industry.
5. What are the characteristics of an ideal fuel?



Hindi Holiday Homework

प्रश्न- निम्न लिखित प्रश्नों के उत्तर लिखिए:

1. क्या आपको भी लगता है कि आज के इस मशीनी युग में हाथ के कार्यों का महत्व कम हो गया है? यदि ऐसा है तो क्या किया जाना चाहिए कि हाथ के कार्यों की उपयोगिता बनी रहे?
2. उन पांच बातों को लिखिए जिससे यह स्पष्ट हो कि आप एक अच्छे नागरिक हैं।
3. व्याकरण किसे कहते हैं?
4. स्वर किसे कहते हैं?
5. व्यंजन किसे कहते हैं?
6. स्वर संधि के कितने भेद होते हैं?

प्र०2 निम्न लिखित शब्दों की संधि कीजिए:

1. विद्या + आलय
2. रमा + ईश
3. अति + आचार
4. वेद + अंत
5. वाक् + ईश

प्र०3 दिए गए शब्दों के विलोम शब्द लिखिए:

1. रुचि
2. स्मृति
3. संभव
4. मुलायम
5. शाम



Social Studies Holiday Homework

1. Write the Fundamental Duties of the Indian Constitution.
2. Write and learn "the preamble" of the Indian Constitution.
3. Define Human Resources. Why are they important for a country?
4. What are natural resources?
5. Label and locate all states and union territories on the map of India and paste it in your notebook.





GK & Moral Holiday Homework

Q1 - Write three heritage sites of UP.

Q2 - Who is speaker of the loksabha ?


Q3 - Write 5 National Highways. Which is the longest National highway of India?

Q4 - Write 5 famous Indian books and their authors.

Moral

1. Write about kindness in 50 words





English Holiday Homework

Answer the following Questions-

Q.1 What is Sentence? Write its types and Parts with Example.

Q.2 Define the noun and write its types with Example.

Q.3 Define the Personal Pronouns and draw the Chart and show all the Person.

Q.4 How has writer compared Della and Jim with the magi? Explain it.

Q.5 Have you ever visited a fair? Explain it in your own words.

Sanskrit Holiday Homework

निम्नलिखित प्रश्नों के उत्तर दीजिए।

1. मयूराः किं कुर्वन्ति?
2. खगाः किं कुर्वन्ति?
3. बकाः कीदृशाः सन्ति?
4. पृथिव्याः कति रत्नानि?
5. पृथिव्याः केन धार्यते?

प्रश्न 2- हिंदी वाक्यों का संस्कृत में अनुवाद कीजिए।

1. पृथ्वी पर तीन रत्न हैं - जल, अन्न और मीठी वाणी।
2. सत्य से पृथ्वी टिकी है।
3. सत्य से सूरज तपता है।
4. विवाद और मित्रता दोनों सज्जनों से ही करना चाहिए।
5. आहार और व्यवहार में लज्जा त्याग कर ही लोग सुखी होते हैं।

प्रश्न 3- निम्न शब्दों के पर्यायवाची शब्द लिखिए।

पृथ्वी

चन्द्रः

वायुः

Mathematics Holiday Homework

Q1. Without adding, find the sum $1 + 3 + 5 + 7 + 9 + 11$

Q2. If $x^2 = 64$ then $x = ?$

Q3. Write the following facts in scientific notation:

(a) The distance from the earth to the sun is 149600000 km.

(b) Size of a plant cell is 0.00001789 m.

Q4. Using Prime Factorisation method, find the cube root of 1728.

Q5. A gardener plants 4624 trees in such a way that there are as many rows as there are trees in a row. Find the number of trees in a row.

Computer Holiday Homework

Part 2: Real-World Applications & Scenarios (Application & Creativity)

* Your Home Network:

* Draw a simple diagram of the computer network in your home.

* Identify the devices connected to your home network (e.g., laptop, smartphone, smart TV, printer).

* What type of network is your home network (LAN, WAN, or both)? Explain your answer.

* Which device acts as the central point for connecting all your devices to the internet?

* School Network:

* Imagine your school has a computer lab with 20 computers.

* Which type of network would be most suitable for connecting these computers in the lab? Why?

* Which network topology would you recommend for the computer lab? Justify your answer.

* Internet & World Wide Web:

* Are "Internet" and "World Wide Web" the same thing? Explain the difference in your own words.

* How do you access information on the internet? What are the basic steps involved?

* Network Security Basics:

* Why is network security important?

* List two common threats to network security (e.g., viruses, hackers).

* Suggest two simple ways to protect your home network.

Part 3: Fun & Creative Extension (Optional but Recommended)

* Design Your Dream Network:

* Imagine you are building a network for a small office with 10 computers, 2 printers, and an internet connection.

* Draw a detailed diagram of your proposed network, including all necessary components and their connections.

* Explain your design choices (e.g., why you chose a particular topology, what components you used).

* A Day Without Networks:

* Write a short paragraph (5-7 lines) describing how your daily life would be different if computer networks suddenly stopped working. Think about communication, entertainment, education, and shopping.

Rubric for Evaluation:

| Criteria | Excellent (5 marks) | Good (3 marks) | Needs Improvement (1 mark) |

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| Content Accuracy | All concepts explained correctly and clearly. | Most concepts explained correctly. | Many concepts explained incorrectly or vaguely. |

| Completeness | All questions answered thoroughly. | Most questions answered. | Many questions left unanswered or incomplete. |

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Creativity & Presentation | Highly creative, well-organized, and visually appealing. | Generally well-organized and presentable. | Disorganized, messy, or lacking visual appeal. |

| Originality | Demonstrates clear understanding in own words. | Mostly in own words, some reliance on external sources. | Heavily copied from external sources. |

| Diagrams & Illustrations | Clear, accurate, and helpful diagrams/illustrations. | Diagrams are present but may lack clarity. | No diagrams or very poorly drawn diagrams. |

Wishing you a productive and enjoyable holiday!