



D Y PATIL
INTERNATIONAL SCHOOL
BOKARO



Summer Assignments

2024-25

Grade - VI



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“The one who is constantly in a state of learning is called a student”

Dear students,

You must be very happy and excited to enjoy your vacations. You must have planned how to spend your holidays. You know time is very precious and this year we suggest you some new ways of spending your vacation.

When you visit any of your relative’s house, you should think and find out whether there are any means of learning in their house. For example, if your uncle has a computer, then you can learn things like typing or visiting websites that teach good sanskars (values). Students, if you really want to enjoy the vacation, then remember that real happiness lies in learning new things.

Actually, vacation is an open school which gives you the opportunity to shape your personality and learn various innovative arts and skills. During the vacations, you should have fun; but at the same time you must also try to learn some new things. This is an opportunity given to you by God to find out the skill in which you are lacking and develop it.

The following are some suggestive tips which you can imbibe in you:

- **Care for the Environment** –Activities like planting trees, stopping wastage of water in their locality and cleaning around especially along with friends are practical, learning and fun to do.
- **Develop new skills** –Engage in activities like photography, arts and crafts or learning to play musical instruments etc. Learn to cook new recipes.
- **Making your health a Priority** – Get up early every morning and participate in activities like yoga, meditation, Zumba and other physical exercises along with friends and siblings. Playing outdoor games like kho-kho, kabaddi, etc. is exercise which keeps our body fit and healthy.
- **Help your parents in their work**–Throughout the year, your parents help you in your studies and homework. In addition to managing her own household responsibilities, your mother prepares lunch for you and helps you in your studies. So, as a token of gratitude, you too should help her with the household work during your vacation.
- **Enrol in Online Courses:** Take advantage of several online learning platforms and enrol in courses that align with your interests or future career goals.
- **Read Books:** Reading not only enhances your language and vocabulary but also broadens your perspective.
- **Time for family bonding:** Summer vacations provide ample time for families to spend quality time together, strengthening family bonds and creating lasting memories.

How Can Parents Help Students Make the Best of Their Summer Vacation

As a parent, there are several things you can do to make summer vacation fun and engaging for your child:

1. **Plan ahead:** Before summer vacation starts, sit down with your child and create a list of activities they would like to do. This can help ensure that they have a fun and fulfilling summer.
2. **Create a routine:** While it is important to allow your child to relax and have fun during summer vacation, creating a routine can help maintain structure and ensure that they are engaging in meaningful activities.
3. **Encourage creativity:** Encourage your child to engage in creative activities, such as drawing, painting, or writing. This can help develop their creativity and enhance their self-expression.
4. **Spend quality time together:** Summer vacation is a great time to strengthen family bonds by spending quality time together. Plan family outings, game nights, or movie nights to create lasting memories.
 - ◆ **Monitory our child’s screen time.**

Subject- English

1. Make a poster of Black Hole on a chartpaper and add details about it.
2. Create an interesting story in the comic form. Do it in your scrap book.
3. Write all the word meanings in a thin test copy from Chapter 1 to 8.
4. Collect advertisements of five Indian Brands from newspaper / magazine and paste it in your scrap book.
5. Create an album capturing the moments of: How your mother has helped you on several occasions.

Note- Qr. no 6 to 8 should be done in grammar note book.

6. Match the words to form phrases:

1. coral	house
2. terraced	station
3. public	reef
4. capital	air
5. clean	city
6. railway	transport

7. Now use the phrases above to complete the following sentences:

1. We enjoy breathing the _____ of the countryside.
2. If you live in a _____ you share side walls with neighbours.
3. The good _____ means its' easy to get around town.
4. We waited on the _____ for the train to arrive.
5. You can enjoy the colourful sea fish along the _____ that surrounds the island.
6. The _____ of the USA is Washington DC.

8. Match the words to their definitions:

1. skyscraper	a place for ships to find shelter in bad weather.
2. factory	a structure across the river.
3. harbour	a tall building with a light for ships at sea.
4. lighthouse	a very tall building with offices or flats.
5. bridge	a structure that uses of the power of wind.
6. windmill	a place with machines where workers make things.

हिन्दी

ग्रीष्मकालीन अवकाश के गृह कार्य 2024

निर्देश –

- ◆ कक्षा में समस्त करवाये गये पुस्तक कार्य उत्तर पुस्तिका में सम्पूर्ण करें। (पाठ 1 से 3 तक),(व्याकरण – पाठ 1 से 3)
 - ◆ एवं याद करें।
1. अनुच्छेद – आपने अपने ग्रीष्मकालीन अवकाश को कैसे आनंदित बनाया।
 2. चार्ट पेपर – संज्ञा किसे कहते हैं। एवं इनके कितने भेद होते हैं। सम्पूर्ण व्याख्या कीजिए।
 3. हिन्दी पुस्तिका से किसी एक विषय का प्रोजेक्ट वर्क तैयार कीजिए।

Mathematics

1. **Direction:** Examine the following case study carefully & answer the questions that follow:
Raman's grandfather passed away leaving behind a sum of rupees fifty-five lakh for him, Raman called his friend Shane who lives in Australia.

- i. The amount received by Raman in numbers is
 - a. 55,000
 - b. 55,00,000
 - c. 5,500
 - d. 5,50,00,000
 - ii. International number system is adopted in Australia. What is the amount in this system?
 - a. Fifty-five million
 - b. Five hundred fifty million
 - c. Five million five hundred thousand
 - d. Five million fifty thousand
 - iii. If each Australian dollar is equivalent to ₹ 55, what amount did Raman receive in Australian dollars?
 - a. Hundred thousand dollars
 - b. One million dollars
 - c. Ten thousand dollars
 - d. Ten million dollars
2. Examine the following case study carefully and answer the questions that below.
Vidya passed her Class VI this year. Her marks in four different subjects Maths, Science, English and Hindi were 85, 93, 78 and 74 respectively.
- i. The sum of her marks in all the four subjects is divisible by
 - a. 3&8
 - b. 4&7
 - c. 6&11
 - d. 7&8
 - ii. The prime factorization of the sum of her marks is
 - a. $2^2 \times 5 \times 11$
 - b. $2 \times 3^2 \times 5 \times 7$
 - c. $2 \times 3 \times 5^2 \times 7$
 - d. $2 \times 3 \times 5 \times 11$
 - iii. The HCF of the sum of her marks and 432 is
 - a. 3
 - b. 6
 - c. 12
 - d. 18
 - iv. The LCM of the sum and the difference of her marks in Maths and Science is
 - a. 336
 - b. 514
 - c. 712
 - d. 836
3. Find the HCF and LCM of :
- i. 234 & 572
 - ii. 84,98
 - iii. 504, 980
4. Find the HCF of the following by division method.
- i. 1045,1520
 - ii. 658, 940, 1128
 - iii. 391, 425, 527
5. Show that the following are co-primes:
- i. 161,192
 - ii. 512, 945
 - iii. 847,1014

Science

Section - Physics

- I. Write and learn all types of Motion.
- II. Write and learn all Objectives , Fill up, Matching from lesson 10 "Motion".
- III. Define:
 - a. Stationary
 - b. Motion
 - c. Distance
 - d. Displacement
 - e. Measurement
 - f. Physical quantity
 - g. Standard Unit
- IV. Draw on a large chart paper.
 - ◆ To show the difference between distance and displacement.
- V. **Project** : Measure the thickness of a five rupee coin.

Hint: Stack some five rupee coins and measure the height of the stack. Divide the height by the number of coins. This will give you the thickness of one coin.

Chemistry

- I. Write and learn all Objectives, Fill up, Matching, One Word and Difference Between from Lesson 4 , “Sorting Materials into groups”.
- II. Write 15 internal question and answer from Lesson 4?
- III. Define:
 - a. Sorting
 - b. Texture
 - c. Hard materials
 - d. Soft materials
 - e. Opaque materials
 - f. Transparent materials
 - g. Translucent materials
 - i. Miscibility
 - h. conductor
- IV. Draw on a large chart paper.
 1. Magnetic & Non -magnetic materials.
 2. Concept Map from page no - 53
- V. Activity - “To observe which substance sink in or float on water from pg. no 51. Do this activity and complete the table on A-4 size chart paper.
- VI. Make a model of transparent, translucent and opaque materials.

Biology

- I. Write and learn Objectives, Fill up, True & False, Matching and Short type answer from Chapter 1.
- II. Write 15 internal questions and answers from Lesson 1.
- III. Define-
 - a. Consumers
 - b. Herbivores
 - c. Carnivores
 - d. Omnivores
 - e. Decomposers
 - f. Parasites
 - g. Scavengers
 - h- Food chain
- IV. Draw on a large chart paper :
 1. Food Chain
 2. Plant parts as sources of food
- V. Make a Model of ‘Food Web’.
- VI. Name the parts of the plant that we eat as food on A-4 size paper.

Social Science

1. Using a thermocol ball, make a model of globe.
2. On a black chart paper, make a 2-D model of our solar system. It should include sun, its eight planets, asteroid belt and orbit should be shown with dotted lines.
3. Using a thermocol sheet, make a Biosphere model.
4. In a thin test copy, write down the important difficult words given in the Glossary on pg.no. 239 and 240 of History - Ch 1 to 3, Geography Ch- 1 to 3 and Civics - Ch-1 to 3
5. With the help of recycled, odd plastic water bottle or a small clay pot (matki) and ropes, make a bird water feeder.
6. Do reasearch on one non-democratic country in the world. Include the following points-
 - ◆ Its geographical location in world map.
 - ◆ The present form of government in the country.
 - ◆ Public opinion in the country about the government (whether the people are happy or unhappy with the present government)
 - ◆ Recent political development in that country.

On a A4 size paper prepare your report on your findings. Write your report in the forms of paragraphs and use a World Map to show the location of the country.

Submit the project in a stick file.

Sanskrit

1. लता, देव, मित्र शब्द का शब्दरूप कॉपी में लिखकर याद करें।
2. पठ्, गम्, चल् खाद्, घातु का घातुरूप लटलकार और लृटलकार रूपों को कॉपी में लिखें और याद करें।
3. चार्ट पेपर पर फलों का चित्रबनाकर संस्कृत में उनका नाम लिखें।
4. एक गुलदस्ता तैयार करें और रंगीन कागज से फूल बनाकर फूलों के नाम को संस्कृत में लिखें।
5. रंगीन पेपर से रंग बिरंगी तितली बनाकर चार्ट पेपर लगाएँ और संस्कृत में उनके रंगों के नाम लिखें।
6. पाठ में दिए गए सभी प्रश्नों के उत्तर याद करें।

Computer

H.H.W TO BE DONE IS COMPUTER NOTEBOOK

1. Austin is developing a software in Python Programming Language. Which type of Programming Language is he using?
2. Jesly's son was a software developer during the 3rd Generation of a computer languages. What kind of language was he using then? Help her mother to understand.
3. Discuss the difference between the computers in earlier times & modern day computer.
4. Austin's friend's computer has become very slow. There are only few applications installed on his computer still the disk space is occupied too much. What can be the problem? What steps should be followed to solve it.
5. What is the use of Cortana in Windows 10?

Art & Craft

1. Use Match sticks for :
 - i. Making Beautiful Wall hanging
 - ii. Making Basket
2. Use Coconut shell for:
 - i. Making - House, Pen Stand, Tortoise, Cat (any one)