



**D Y PATIL**  
**INTERNATIONAL SCHOOL**  
**BOKARO**



# Summer Assignments

2024-25

Grade - VIII



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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. Prepare a chart on Parts of speech on a half a sheet of Chart Paper.
2. Prepare a Dictionary having minimum five words of each alphabet with their meanings to enhance the vocabulary. Cover it with beautiful cover and put a book mark in it.
3. Design a poster on 'Save Environment' and write a slogan for it.
4. Interview your parents/grandparents to find out about the things they used to do when they were of your age. Minimum ten questions. Make it interesting you make a live video while interviewing them. Your interview must have a lot of details for the reader to understand? (Do in scrapbook)
5. Make a collage on a 1/2 a sheet of chart paper on any one topic:
  1. Educate the girl child.
  2. Protect endangered species.
7. Let's have fun with words, Make as many three, four and five letter words as you can from each one word given below and write in your grammar notebook.

1. Butterfly	5. PINEAPPLE
2. CROCODILE	6. SNOWWHITE
3. CAULIFLOWER	7. CINDERELLA
4. WATERMELON	8. PUBLIC PLACE
8. The following words are nouns. Write verbs matching them. One has been done for you -- (Do in Grammar notebook)

1. Singer	6. Stars
2. Painters	7. Writers
3. Teachers	8. Students
4. Birds	9. Players
5. Water	10. Soldiers

## Hindi

निर्देश –

- ◆ कक्षा में करवाये गये समस्त पुस्तक कार्य उत्तर पुस्तिका में पूर्ण करें। (पाठ 1 से 3 तक),(व्याकरण – पाठ 1 से 3) एवं याद करें।
  1. अनुच्छेद – कालाबाजारी का हमारे समाज पर दुष्प्रभाव (नमक का दारोगा) –
  2. हरे और नीले रंग के कूड़ेदान में कौन सा कचरा डाला जाता है? कारण सहित लिखिए। (स्वच्छता को दर्शाइए), बढ़ती गंदगी को कम करने के लिए सुझाव लिखिए। (थर्मोकॉल शीट पर/ चार्ट पेपर पर – प्रोजेक्ट वर्क)
  3. स्वच्छता अभियान के लिए स्लोगन लिखिए। (स्क्रेप बुक में)
  4. वीरता, सहयोग देश प्रेम को दर्शाते हुए एक कहानी या एक कवित लिखिए (सुन्दर चित्र – चित्रण के साथ)– (चार्ट पेपर पर )

## Mathematics

1. Study and write the “various tests of divisibility”. This must include the rules and atleast two examples from each set. (Write this in H.W.Copy)  
Include the following:

- i. Test of Divisibility by 2
  - ii. Test of Divisibility by 3
  - iii. Test of Divisibility by 9
  - iv. Test of Divisibility by 5
  - v. Test of Divisibility by 10
  - vi. Test of Divisibility by 4
  - vii. Test of Divisibility by 8
  - viii. Test of Divisibility by 7
  - ix. Test of Divisibility by 11
2. a. Prepare on a chart paper showing faces, vertices & edges of
- \* Cuboid [Also draw 3-D diagram of all the figures. (Use 1/4th of Sheet of the chart paper for the complete experiment.)
  - \* Cube
  - \* Prism
  - \* Pyramid
- [Note - Attractive / Perfect work will be displayed on Maths Lab Board] (Roll 1 to 7)  
(Take help, Ch- 213, Pg 213)
- b. Prepare on a chart paper showing figures of Cuboid, Cube, Right- circular cylinder and formula for Volume & Surface area. [ Take help, Ch 20, Pg.no. 210 of your course book] (Roll 8 onwards)
3. Solve Test Paper of chapter no.1 and Chapter no. 2 of your course book. (In H.W. Copy)

## Science

### Physics

- I a. On a chart paper show the outside safety measures during lightning (Roll-1 to 5)  
[Take help from ch-15, pg.no- 237 & 238 of your course book]
- b. On a chart paper show the inside safety measures during lightning (Roll-6 to 9).  
[Chart paper must be of  $\frac{1}{4}$  size for the complete emperial]
- c. On a chart paper show the safety measures during an earth quake (Roll no-10 onwards)  
[Take help from Pg.no 242, Ch-15 of your course book]
- II. Sound needs a material medium to propagate. It means sound can't be heard in free space (where there is absence of air, water etc..), then how astronauts talk when they are in space. Search and write your finding in physics copy. Draw flow chart for the same also.

### Chemistry

- I. a. Make a collage on a chart paper showing the effect of Global warming. (use  $\frac{1}{4}$  sheet for the complete emperial [Take help ch-18, pg.no-284 of your course book] (Roll no-1 to 5)
- b. On a chart paper show oil & natural gas formation. (Roll no-6 to 9) [Take help from pg.no-88 of your course book]
- c. On a chart paper show the formation of coal (Roll-10 onward) [Take help from pg.no - 85 of your course book]

- II. What is green house? Draw diagram and write. [Make sure diagram is on the left white page & write up on the right ruled page ] in the chemistry copy.
- III. a. What is greenhouse effect? what are the causes and how it can be controlled. [write in chemistry copy.]
- b. Draw lay-out of the treatment of waste collected (on white page) and write the treatment process on the right side (ruled paper) in chemistry copy.

### Biology

- I. Describe all types of agriculture practicals.
- II. On a chart paper show the followings:
1. Rabi Crops
  2. Kharif Crops
  3. Animal Husbandary
- III. Using traditional method make a model for irrigation.
- IV. On a large chart paper draw the 'Nitrogen Cycle'.
- V. Visit an animal husbandary or any neighbour who has animals near your house. Interview either the manager or any worker of the animal husbandary with the following question :
1. What are the different varieties of animals that they have?
  2. What kind of feed is given to the different animals?
  3. Do they vaccinate the animals?

### Social Science

1. Make a 3-d model of the soil profile with the help of moulding clay.
  2. On a map of India, mark the major soil types with the help of colour.
  3. On a map of India, mark the distribution of power resources in India.
  4. On the map of India, mark the distribution of major minerals. (iron, copper, gold, lime stone and mica)
  5. On a world map, mark the distribution of natural vegetation.
  6. On an A-4 size paper draw a poster supporting and promoting sustainable development with the help of 3R's of conservation.
- Note** - All 4 maps should be submitted in a stick file, with front page displaying your name, class and roll no.
7. In a thin test copy, write down the important difficult words given in the Glossary on pg.no. 263 and 264 of History Ch-1 to 3, Civics Ch-1 to 3 and Geography Ch 1 to 3
  8. Make a 2-d model on a chart paper representing our Parliamentary system.

### Sanskrit

1. नदी, गुरु, साधु, वारि शब्द के शब्दरूपों को कॉपी में लिखकर याद करें। (व्याकरण कॉपी में)
2. दृश्, स्था, वद्, खाद्, घातु के घातुओं को लट्लकार, लोट लकार, लृटलकार, लङ्लकार, विधिलिङ्ग को तीनों पुरुषों तथा तीनों वचनों में लिखें । (व्याकरण कॉपी में)

3. चार्ट पेपर पर वृक्ष बनाकर स्वर संधि के भेदों को दर्शाएँ।
4. चार्ट पेपर से पुस्तक बनाकर सुभाषितानि पाठ के श्लोक और उसके अर्थ को लिखें।
5. आपने अपनी पुस्तक में पंचतंत्र की एक कथा को पढ़ा है। उसी के आधार पर दूसरी कथा लिखिए। (व्याकरण कॉपी में)
6. पाठ में दिए गए सभी प्रश्नों के उत्तर याद करें।

### **Computer**

1. One of your class mates has drained out resources like hardware & memory space. So now he is willing to use cloud computing platform for storing large amount of data like movies & songs. Suggest him all the possible cloud services available for his need.
2. Sonali's instructor has explained her about one of the features of cloud computing which allows the consumes to transparency scale up or scale down the resources according to their computing heads. Can you guess which features she is talking about?
3. Discuss the names of the services delivered by the various companies.
4. Explain the pos & cons of using cloud computing & its real time application.
5. Explain the need of storing data in organised manner.

### **Art & Craft**

Art - Loney Man sitting under the tree. (Pencil sketch) - In Drawing notebook

Or

Laughing Ganesha (Pencil Sketch) - In Drawing notebook

Craft- Make a beautiful bird house with the help of waste broomstick.