

KENDRIYA VIDYALAYA BSF BAIKUNTHPUR 2023-24
SUMMER VACATION HOMEWORK
SUBJECT - SCIENCE
CLASS VII

MDP - TERM 1

Topic - Weather, Climate and Adaptations.

1. Make a graph of minimum and maximum temperature of Siliguri from 10/05/2023 to 10/06/2023.
2. Compare the climate of Siliguri and Jammu. (year 2020)
3. Describe in detail with suitable diagram- Climate and Adaptation in the plants and animals:-
 - Tropical rainforest
 - Polar region
 - Ocean / Sea
 - Mountain
 - Desert
4. Describe in detail the term Biodiversity and its importance.
5. Write a weather forecast report of last week of

My 5-Day Weather Forecast



My Weather Predictions for the Week

Mon.	Tues.	Wed.	Thurs.	Fri.

The Real Weather for the Week

Mon.	Tues.	Wed.	Thurs.	Fri.

Teaching Resources @ www.tutoringhour.com

6. Describe - Month, Seasons and weather

Note - USE A4 PAGES FOR MDP PROJECT.

SUMMER VACATION HOMEWORK

1. Except plants, why can't other living organisms prepare their food using CO₂, water and minerals?
2. Different modes of nutrition has been observed in plants. What are they? Give example of each.
3. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Do you know where they are available? Fill in the blanks with the appropriate raw materials.
 - (a) Available in the plant:
 - (b) Available in the soil:
 - (c) Available in the air:
 - (d) Available during day :
4. Nitrogen is an essential nutrient for plants growth. But farmers who cultivate pulses as crops like green gram, bengal gram, black gram, etc., do not apply nitrogenous fertilisers during t cultivation. Why? [NCERT Exemplar;
5. Pooja is worried about her new shoes which she wore on special occasions that they were spoiled by fungus during rainy season. Is she right to worry, if yes, then tell why does fungi suddenly appears during the rainy season?
6. Some plants have deep red, violet or brown coloured leaves. Can these leaves perform the photosynthesis process?
7. Describe the process by which plants prepare their food using different raw materials.
8. Describe the method for replenishing the soils with minerals and other essential constituents used by plants growing in those soil by farmers.
9. You were blindfolded and asked to identify the drinks provided in two different glasses. You could identify drink A as lime juice and B as bitter gourd juice. How could you do it inspite of being blindfolded?
10. A' got her gall bladder removed surgically as she was diagnosed with stones in her gall bladder. After the surgery, she faced problems in digestion of certain food items when consumed in bulk. Can you tell which kind of food items would they be and why?
11. List the preventive measures that one should adopt for avoiding tooth decay.
12. Briefly describe the mechanism of producing hiccups while we take food in hurry.
13. Boojho and Paheli were eating their food hurriedly so that they could go out and play during the recess. Suddenly, Boojho started coughing violently. Think of the reasons, why he was coughing and discuss with your friends?
14. Draw a neat and clean diagram of Amoeba showing the correct location of the following components : nucleus, vacuole, pseudopodia.

15. Ruminants such as cows and buffaloes swallow their food hurriedly and then sit restfully and chew their food. Give reason.

KV BSF BAIKUNTHPUR

SESSION 2023-24

SUMMER VACATION HOLIDAYS HOMEWORK

SUBJECT: ART EDUCATION (ART INTEGRATED LEARNING)

SL	CLASS	TOPIC	DETAILS
1	VII	PPT OF MIN 10 SLIDES ON ART FORM (AIL)	DIFFERENT ART FORMS OF BENGAL
		POT PAINTING	DECORATING PORTABLE EARTHEN POT WITH FABRIC COLOUR
		POSTER	WATER CONSERVATION/SAVING WATER ON QTR SIZE CHART PAPER AND COLOUR IT

KENDRIYA VIDYALAYA BSF BAIKUNTHPUR

कक्षा-सप्तमी

ग्रीष्मकालीन अवकाशकार्यम्

विषय-संस्कृतम्

1. हास्यबालकविसम्मेलनम् चित्रेणसह प्रकल्पं(project) लिखतु.

2. शब्दरूपानि पठतु

मति, नदी, वारि (पठना होगा)

3. मति, नदी, वारि लिखतु (copy book में लिखना होगा)

4. धातुरूपं पठतु

कृ धातु(पठना होगा)

KENDRIYA VIDYALAYA BSF BAIKUNTHPUR

ग्रीष्मकालीन् अवकाशकार्यम्

संस्कृत एम.डि.पि

1. भारतस्य राष्ट्रियपशुविषये चित्रेण सह वर्णनं कुरुतः
2. भारतस्य राष्ट्रियपक्षिविषये चित्रेण सह वर्णनं कुरुतः
3. भारतीयवर्षानुसारं मासानां ऋतुनां च नामानि चित्रेण सह लिखत-(weather)

Or

वातावरणविषये (weather)चित्रेण सह लिखतु

4. जलवायुविषये संस्कृतनिबन्धं लिखतु.

CLASS 7TH 2023-2024

SUMMER VACATION H.W.

Q.1 Application writing-

- 1) Write an application to the principal requesting for fee concession.
- 2) Write an application to the principal requesting for remission of fine
- 3) Write an application to the principal requesting for an excursion.

Q.2 Letter Writing-

- 1) Write a letter to your uncle thanking him for the birthday present.
- 2) Write a letter to your hosteller brother giving him tips for improvement in academics.
- 3) Write a letter to your father asking him to send you money for buying books.

Q.3. Diary entry-

Write 2 diary entries from All in One.

Q.4. Paragraph writing-

- 1) My pet
- 2) Pollution
- 3) Importance of education
- 4) Save water Save life.

Q.5. 1) You have a lost your notebooks. Write a notice for this giving necessary information.

- 2) Write a notice for organizing an Inter-house poetry recitation.
- 3) Write a notice for organizing an Inter-house Group dance competition OR painting competition.
- 4)

Q.6. Value Based Question- 1)

Do you feel the need of taking permission from your elders before giving away any belongings to anyone.

- 2) Write a short on Kari. How can you say that Kari was similar to human body?
- 3) Write a short note on music teacher.
- 5) Do you want to be like a Rebel. If yes Or no give reasons for your answer.

Q.7. Write an article on G-20 and draw flags of concerned nations.

केंद्रीय विद्यालय सीमा सुरक्षा बल बैकुंठपुर

ग्रीष्मकालीन अवकाश कार्य

सत्र २०२३-२०२४

कक्षा - सप्तम (VII)

विषय -हिंदी

(पाठ्यपुस्तक वसंत भाग -2)

- हम पक्षी उन्मुक्त गगन के (कविता)
- हिमालय की बेटियाँ (निबंध)
- कठपुतली (कविता)
- मिठाईवाला (कहानी)

(१) ऊपर दिए गए अध्याय के पाठ्यपुस्तक आधारित सभी प्रश्नों के उत्तर याद करेंगे।

(२) अपनी ग्रीष्मकालीन अवकाश किस तरह बिताया इसके ऊपर एक संस्मरण लिखेंगे।

(३) हिमालय की बेटियाँ पाठ के आधार पर हिमालय से निकलने वाली पांच प्रमुख नदियों के बारे में एवं उसके महत्व हो अपने हिंदी कॉपी में लिखेंगे?

(४) भवानी प्रसाद मिश्र के कठपुतली कविता के मुख्य विषय वस्तु स्वतंत्रता के आधार पर किसी एक अन्य कविता एवं एक अन्य कहानी लिखेंगे?

(पाठ्यपुस्तक बाल महाभारत कथा)

- महाभारत कथा

(१) आमुख के आधार पर नीचे दिए गए निम्नलिखित आमुख के मुख्य पात्रों का पात्र परिचय लिखेंगे?

(२) महाभारत कथा के रचनाकार का नाम बताइए?

(३) संक्षेप में शांतनु का वंश -वृक्ष मानचित्र बनाकर लिखिए

(४) महाभारत युद्ध के बाद पांडवों ने कितने वर्ष राज्य किया?

(५) पांडु के विषय में आप क्या जानते हैं?

(६) पितामह ने गुरु राज्य का विभाजन क्यों करवाया?

- देवव्रत

(१) शांतनु कहां के राजा थे? उन्होंने किस युवती के समक्ष विवाह का प्रस्ताव रखा?

(१) गंगा जब आठवें बच्चे को लेकर नदी की और चली तब शांतनु ने उसे क्या कहा?

(३) देवव्रत को उसके पिता ने पहली बार कब देखा?

(४) राजा को गंगा ने अपना और देवव्रत का परिचय किस प्रकार दिया?

(५) शांतनु के सम्मुख गंगा ने पत्नी बनने के लिए क्या शर्त रखी थी?

- **भीष्म प्रतिज्ञा**

(१) केवट राज ने शांतनु के सामने क्या शर्त रखी?

(२) देवव्रत किस प्रतिज्ञा के कारण भीष्म कहलाए?

(३) विचित्रवीर्य की रानियों व उनके पुत्रों के नाम बताइए?

(४) शांतनु के पश्चात हस्तिनापुर के सिंहासन पर कौन बैठा

(५) सत्यवती से शांतनु को कितने पुत्र प्राप्त हुए ?उनके नाम बताइए.

- **अंबा और भीष्म**

(१) काशीराज की कन्याओं के स्वयंवर में भीष्म किस उद्देश्य से गए थे?

(२) अंबा ने सोमराज शाल्व से क्या कहा?

(३) शाल्व के मना करने पर अंबा ने भीष्म से क्या कहा?

(४) अंबा ने भीष्म से बदला किस प्रकार लिया?

(५) भीष्म पितामह ने शिखंडी के साथ युद्ध क्यों नहीं किया?

(पाठ्यपुस्तक व्याकरण)

- **पत्र लेखन**

(१) कुछ दिनों के अवकाश के लिए विद्यालय के प्रधानाचार्य को प्रार्थना पत्र लिखिए।

(२) विद्यालय में पीने योग्य स्वच्छ जल की उचित व्यवस्था करवाने हेतु विद्यालय के प्रधानाचार्य को प्रार्थना पत्र लिखिए।

- **अनुच्छेद लेखन**

(१) कंप्यूटर का महत्व

(२) विज्ञापनों का महत्व

(३) मेरे जीवन का लक्ष्य

KENDRIYA VIDYALAYA BSF BAIKUNTHPUR

SUMMER VACCAION HOMEWORK (2023-24)

VII (MATHEMATICS)

Instructions: a) Do your work neatly b) Learn tables till 25

c) LEARN COUNTING TILL 100 IN HINDI.

1. Complete your notebook.
2. Make a project/ model on "Mathematics around us ".
3. Prepare for test after vacation (1st AND 2 chapter).

SOLVE QUESTION IN SEPARATE NOTBOOK

1. Knowing More about Fractions •

How to do: - Conduct a survey of 25 families of your locality and collect data that

- ✓ How many families have four wheeler?
- ✓ How many families have two wheeler?
- ✓ How many families have both four wheeler and two wheeler?
- ✓ How many families have Bicycle?

Calculate the fraction of data collected to that of total number of families in all the four parts. Also represent those fractions on different circles and paste them.

2. Reviewing Lines and Angles •

How to do: - Take a political Map of India, draw the following line segments and answer the questions that follow:

- ✓ Join Srinagar to Thiruvanthpuram and name it AB
- ✓ Imphal to Gandhinagar and name it CD. ✓ Itanagar to Simla and name it EF.
- ✓ Patna to Chennai and name it GH.

Questions: 2 (i) which is the shortest line segment?

(ii) Which line segment passes through Arabian Sea?

(iii) Which line segment passes through a country other than India?

(iv) Which line segment passes through the maximum states?

(v) Join the line segments CD and EF and the point of intersection as XY, then



name supplementary angles, opposite angles and adjacent angles.

3. Mathematical Greetings What to do: - Make a colorful greeting card of size 15cm × 12cm on the following topic according to your roll number.

1. Roll No. 1-20 Properties of Integers 2. Different types of fractions Roll No.(21-42)

4. Let's Explore The Real World. What to do :- Help your mother to purchase grocery from nearby Grocery Shop. Purchase few items from there and paste the bill received. Verify the bill amount by doing the manual calculations.

