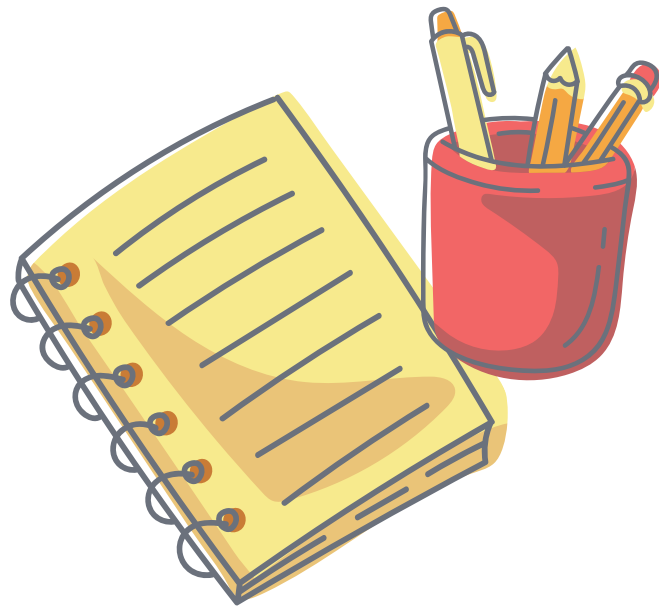


BIHAREE CONVENT SCHOOL

Holiday
Homework



Class: VIII

Name: _____

Section: _____

Dear Students,

Holidays are a break from studies, explanations and completing tasks. But are the holidays supposed to make you lazy? No, definitely not!!!! So, here are a few tasks planned to keep you occupied and help you in discovering the creative being in you.

Subject: English

1. Reading Assignment:

- Choose a novel or a collection of short stories from the provided list or select one of your own.
 - Diary of a Young girl by Anne Frank
 - Life of Pi by Yann Martel
 - I am Malala by Malala Yousafzai
 - The Breadwinner
 - Charlie and the Chocolate Factory
- Read the book thoroughly during the holidays.
- Make finger puppets of important characters and Write a book review discussing the plot, characters, themes, and your overall impression. Aim for 300-500 words. Stick the puppets on the border of your sheet to make it look more creative.

2. Creative Writing:

- Compose a short story on any topic of your choice. Let your imagination run wild!
- Ensure to include elements like setting, characters, conflict, and resolution.
- Your story should be at least 200-300 words.

3. Vocabulary Building:

- Create a personal vocabulary journal.
- Every day, write down five new words you encounter while reading or in daily life.
- Include the word, its definition, and a sentence demonstrating its usage.
- At the end of the holidays, you should have a collection of at least 50 new words.

Subject: Hindi

1. पठन समझ:

अपनी हिंदी पाठ्यपुस्तक से कोई भी दो लघु कथाएँ या कविताएँ चुनें। उन्हें ध्यानपूर्वक पढ़ें और प्रत्येक की एक संक्षिप्त सारांश लिखें। लेखक द्वारा विषय, पात्रों और संदेश के बारे में अपने विचार और व्याख्यान शामिल करें।

2. कृषिक कला:

अपनी पसंदीदा विषय पर हिंदी में एक लघु कहानी या कविता लिखें। अपनी कल्पना को स्वतंत्र रूप से बहने दें, और उचित शब्दावली और व्याकरण नियमों का उपयोग करें।

3. शब्दावली निर्माण:

50 नए हिंदी शब्दों की एक सूची बनाएं। इन शब्दों के अर्थ इंगलिश में लिखें। इन शब्दों का सही उपयोग दिखाने के लिए वाक्यों में इन्हें शामिल करें। जितना संभव हो सके, इन शब्दों का अपने दैनिक बातचीत में उपयोग करने का प्रयास करें।

4. सांस्कृतिक अन्वेषण:

भारतीय संस्कृति में हिंदी भाषा और साहित्य के महत्व पर एक पेज का निबंध लिखें और उसमें प्रमुख हिंदी कवियों, लेखकों, और उनके साहित्यिक युग के योगदान को शामिल करें।

Subject: Mathematics

- **Solve the following equations for x:**

- a) $2x + 5 = 17$
- b) $3(2x - 4) = 30$
- c) $\frac{x}{3} + 8 = 12$

- **Geometry:**

- a) Calculate the area of a triangle with sides measuring 6, 8, and 10 units using Heron's formula.
- b) Given a circle with a radius of 5 cm, find its circumference and area. Take π as 3.14.

- **Data Handling:**

- a) Construct a frequency distribution table for the following data:
5, 7, 8, 9, 5, 7, 6, 8, 5, 9, 7, 8, 5, 6, 9, 8, 7, 5, 9, 6
- b) Draw a histogram representing the data in the frequency distribution table you've created.

- **Word Problems:**

- a) A train travels at an average speed of 60 km/h. How far will it travel in 3 hours?
- b) The price of a book is decreased by 20% for a sale. If the original price was Rs. 50, find the discounted price.

- **Challenge Problem:**

- a) A cylindrical tank has a radius of 7 meters and a height of 12 meters. Calculate its volume.

- **Solve the following additional questions:**

- a) In a bag, there are 8 red marbles, 5 blue marbles, and 7 green marbles. What is the probability of randomly selecting a red marble?
- b) A rectangular garden is 15 meters long and 8 meters wide. Find its perimeter and area.
- c) If the cost of 1 kg of apples is Rs 25.50, what will be the cost of 3.5 kg of apples?
- d) A car travels 240 km in 4 hours. What is its average speed?
- e) Simplify: $35 \times 4953 \times 94$.

- **Case based questions**

- a) Meera has gone for a shopping by taking her shopping bag along with her. In her bag three types of fruits weighing $38\frac{1}{3}$ kg. in all are kept. If $7\frac{1}{9}$ Kg. of these are oranges, $8\frac{1}{5}$ Kg. are pineapples and the rest are melons. Answer the following questions based on the given condition.

Q.1 What is the weight of melons in the bag?

Q.2 Which fruit is in the maximum quantity in the bag?

Q.3 Weight of oranges are more than weight of melons. (True / False)

Q.4 Weight of pineapples are more than weight of melons. (True / False)

- b) Rohit went to bank to deposit ₹300 in bank. The denomination of the notes deposited were of ₹1, ₹2 and ₹5. The number of ₹2 notes is 3 times the number of ₹5 notes. The total number of notes is 160. Answer the following questions based on the given condition.

Q.1 How many notes of ₹1 are more than that of ₹5?

Q.2 How many notes are there of ₹2?

Q.3 How many notes are there of ₹5?

- **Bonus Challenge:**

- a) Research and write a short paragraph on the history and significance of the number "pi" (π).
- b) Design a poster illustrating different types of angles and their properties.
- c) Write about contribution of any two famous Indian mathematicians.

Subject: Sanskrit

- शब्दरूपाणि: अस्मद, युष्मद
शब्द रूप कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।
- धातुरूपाणि: खाद, इष
धातु रूप कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।
- 51 से 75 तक संस्कृत में संख्या कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।

Subject: Science

- Collect the pictures of plants such as saprophytes, symbionts, parasitic or insectivorous plants. Paste these pictures on A4 size paper with short description.
- Choose any one diagram from your Science book and design it on a drawing sheet by using different things like coloured paper, wool, pencil sharpening, cotton, pulses / cereals etc. (Art Integrated Learning)
- Plan an innovative science project to participate in Inspire Awards MANAK (Million Minds Augmenting National Aspirations and Knowledge).
- Create a science quiz consisting of multiple-choice questions, true/false statements, and short answer questions based on first 3 chapters of your science book. Include questions to test your classmates' understanding of different concepts. Provide answers along with explanations for each question.

Subject: Social Science

- Choose any two chapters from your Social Science textbook (History, Geography, Civics, or Economics) that you found most interesting. Read these chapters thoroughly and make concise notes summarizing the main points, key terms, and any questions you have.
- Draw an outline map of India and mark its major physical features such as mountains, rivers, plateaus, and plains. Label each feature clearly and provide a brief description of its significance.
- Research and write a short essay (200-300 words) on a current event related to Social Science. You can choose a topic such as environmental issues, recent elections, global economic trends, or any other relevant subject. Provide your analysis and opinions on the event.
- Create a timeline covering important events in history, geography, civics, or economics. Include dates, brief descriptions of each event, and their significance. You can choose a specific theme for your timeline, such as the history of your country, major political movements, or economic milestones.

Submission Guidelines:

- All assignments should be self-created, colourful, and neatly handwritten.
- Relevant pictures can be pasted.
- Ensure your name, class, section, and roll number are mentioned on each page and project.
- Kindly submit all subjects' holiday homework within 10 days (10th July) of the reopening of school.

Enjoy your holidays, and remember, learning doesn't stop when school's out! If you have any questions or need clarification on any task, feel free to reach out via email (principal@bcmorena.com) or call (9179922971).