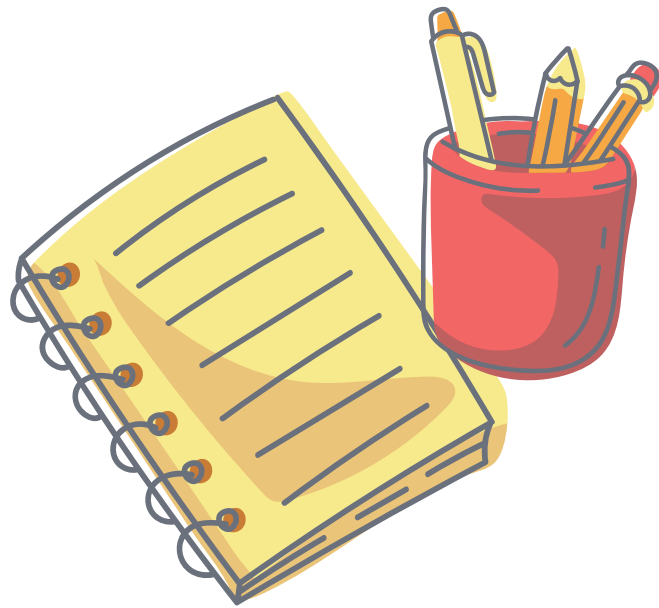# BIHAREE CONVENT SCHOOL

Holiday Homework

Class: VII

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:**
   - Select a novel or a short story from the list provided or of your choice. Read it attentively and prepare a brief summary highlighting the main characters, plot, and your favorite part. Recommended reading list:
     o "The Secret Garden" by Frances Hodgson Burnett
     o "Holes" by Louis Sachar
     o "The Giver" by Lois Lowry
     o "Wonder" by R.J. Palacio

2. **Creative Writing:**
   - At some point, you must have had visitors – salesmen, beggars, people asking for assistance, inquisitive neighbours, uninvited guests – calling at your door. Do you remember any of these people in particular? Has one of them made an impression on you? Write a short story titled "The Visitor". Make your story as interesting as possible. Alternatively, you can write a series of poems on different themes such as nature, friendship, or adventure.
   - Write a short story titled the importance of reading in our lives. Include personal anecdotes, quotes from famous authors, and statistics on reading habits.
   - Create a brochure on any one country which is part of the G20 Group, including all the details below:

     a. Major attractions: Highlight at least 5 major tourist attractions of the country with brief descriptions and colourful pictures.

     b. People and their culture: Write a short paragraph on the people of the country, their culture, traditions, and lifestyle. Add at least one picture that represents the local culture.

     c. Cuisine: Include a section on the local cuisine, including popular dishes and drinks, and their ingredients. Add pictures of the local food to make the brochure more attractive.

3. **Vocabulary Enhancement:**
   - 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.

4. **Grammar Review:**
   - Create your own grammar quiz for your friends to test their English proficiency.

Subject: Hindi

1. **पठन समझ:**
   - अपनी हिंदी पाठ्यपुस्तक से किसी भी दो कहानियों या लेखों को चुनें और प्रत्येक की सारांश अपने शब्दों में लिखें। कहानी के प्रमुख पात्र, कथा और कहानी का सार होना ध्यान में रखें।

2. **रचनात्मक लेखन:**
   - हिंदी में किसी भी विषय पर एक छोटी सी कहानी या कविता लिखें।
   - वेबसाइट www.kavitakosh.org पर जाकर कविताओं का पठन कीजिए एवं अपनी मनपसंद कविता को अपनी फेयर कॉपी में लिखिये।

3. **शब्दावली निर्माण:**
   - कम से कम 5 नए हिंदी शब्दों को रोज़ाना लिखे और उनके अर्थ अंग्रेजी में लिखे।
4. **अनुसंधान परियोजना:**
   - एक प्रसिद्ध हिंदी लेखक या कवि का चयन करें और उनके जीवन और हिंदी साहित्य में उनके योगदान का अध्ययन करें। उनके काम के महत्वपूर्ण पहलुओं को हाइलाइट करते हुए एक संक्षिप्त प्रस्तुति या पोस्टर तैयार करें।
   - पाठ्य पुस्तक वसंत 2 के सभी पाठ एवं लेखकों के नाम लिखो व याद करो।
5. **हिंदी क्विज:**
   - व्याकरण, और शब्दावली से संबंधित 40 प्रश्नों के साथ एक क्विज बनाएं।

Subject: Sanskrit

- शब्दरूपाणि: किम्, तत्
  शब्द रूप कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।
- धातुरूपाणि: पठ, चर
  धातु रूप कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।
- 1 से 50 तक संस्कृत में संख्या कण्ठस्थ करके अपनी फेयर कॉपी में सुंदर ढंग से लिखिए।

Subject: Mathematics

1. Practice with Basic Operations:

a. Solve the following equations for x:
   a) $2x + 5 = 17$
   b) $3(2x - 4) = 30$
   c) $\frac{x}{3} + 8 = 12$

b. Perform the following operations:

i. $345 + 217345 + 217$	v. $(-100) \div 5$
ii. $672 - 389672 - 389$	vi. $(-36) \div (-4)$
iii. $78 \times 678 \times 6$	vii. $(0) \div (-12)$
iv. $420 \div 7420 \div 7$	viii. $[(-30) \div 5] \div 2$

c. Solve the following word problems:
   i. Jane bought 4 boxes of chocolates, each containing 24 chocolates. How many chocolates did she buy in total?
   ii. A rectangular garden has a length of 15 meters and a width of 8 meters. What is its perimeter?
   iii. What is the value of $[(-22) - [(-23) - \{(-17) - (-61)\}]$
   iv. What should be subtracted from (-9876) to obtain (-9512)?
   v. The temperature of a city is 40^0C. Next day the temperature falls by 50^0C. What is the temperature of the city next day?
   vi. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer and 0 for answer not attempted. Ram gets 3 correct and 4 incorrect out of 7 questions he attempted. What is his score?

2. Fractions and Decimals:

    a. Convert the following fractions into decimals:

        i. $\dfrac{3}{5}$ ii. $\dfrac{7}{8}$ iii. $\dfrac{2}{3}$

    b. Perform the following operations with fractions:

        i. $\dfrac{2}{3}+\dfrac{1}{4}$ ii. $\dfrac{5}{6}-\dfrac{1}{3}$

3. Geometry:

    a. Calculate the area and perimeter of a rectangle with length 10 cm and width 6 cm.

    b. Determine the circumference and area of a circle with radius 5 cm. (Take π as 3.14)

4. Patterns and Sequences:

    a. Identify the next three terms in the following sequences:

        i. 2, 5, 8, 11, ...   ii. 10, 7, 4, 1, ...

    b. Create your own arithmetic sequence with a common difference of 3, starting from 15.

5. Data Handling:

    a. Calculate the mean, median, and mode of the following data set: 10, 15, 20, 25, 30

    b. Determine the Mean of the first five whole numbers.

    c. The marks out of 100 obtained by the group of students in the science test in their class are 85, 76, 90, 56, 95, 85, 39, 48, 81 and 75.

Now Find the:

    (i) Highest and lowest marks obtained by the students.

    (ii) Range of the marks obtained.

    (iii) Mean marks obtained by the student's group.

6. 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 one famous Indian mathematicians.

Subject: Science

- Select a famous scientist and research their life, contributions to science, and significant discoveries. Create a biography or presentation to present your findings to the class.
- 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.
- Prepare a poster or presentation on the Fundamental Rights and Duties of Indian Citizens. Include examples to illustrate each right and duty.

- 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 detailed map of your city/town highlighting important landmarks, roads, rivers, and any other geographical features. Add a brief description explaining the significance of each landmark.

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@bcsmorena.com) or call (9179922971).