



SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, upto +2 Level)

HOLIDAY HOMEWORK (Winter Vacation)

Class & Sec

: VII A

Name of Class Teacher

: Rajni Bala

Subject	Home Work
Science	<p>1. Energy Conservation at Home: Observe how energy is used at home during winter (e.g., heating, lighting, cooking). *List 5 ways your family can save energy and reduce electricity bills. *Explain how these practices contribute to protecting the environment.</p> <p>2. Kitchen Chemistry: Choose a winter food item (e.g., ginger tea, soup, or baked bread) and explore the science behind its preparation. *Identify the physical and chemical changes during cooking. *Write a short explanation (100-150 words) with examples like "boiling water turns to steam (physical change)" or "baking causes dough to rise (chemical change)."</p> <p>3. Observing Winter Sky: Spend time observing the night sky on three different days during the winter holidays. *Note down the position of the Moon and any visible constellations or planets. *Sketch what you observe and label it. *Write 5-6 sentences about why stars appear brighter in winter.</p>
Social Science	<p>1. Include drawings or collected images from magazines/newspapers/books to depict life of medieval period of Indian history.</p> <p>2. Develop a mini business plan for a product. Include: .A product sketch .Cost price and selling price .Marketing ideas and where to sell the product.</p> <p>3. Prepare a question quiz (MCQs) based on History, Geography, and Civics chapters studied so far.</p>
English	<p>1) Watch a tree or a plant the same time everyday for a week and write a diary entry describing your experience about the changes in the plant or what special you have seen.</p> <p>2) Write a paragraph about the history of cricket.</p> <p>3) Compose a short poem on nature and draw a beautiful picture related to it.</p> <p>4) Write a newspaper report about a post office which goes up in flames.</p>
Maths	<p>Exercise- Exponents and powers Total Exercises along with work book</p>

Sanskrit	<p>1) राजा भोज : ' शीर्षक पाठ का सारांश हिन्दी में लिखें।</p> <p>२) अधोलिखित अव्यय पदों से संस्कृत में वाक्य बनाएं . - - (क) कुत्र (ख) कदा (ग) श्वः (घ) अधुना (ङ) यदा - तदा (च) बहिः (छ) प्रति (ज) सह (झ) उच्चैः (ञ) वृथा</p> <p>3) अधोलिखित प्रत्ययों का उपसर्ग धातु एवं प्रत्ययों को अलग करें। (क) गृहीत्वा (ख) खादितुम् (ग) क्रेतुम् - (घ) विहस्य (ङ) अनुभूय (च) निहत्य</p>
Hindi	<p>शीतकालीन अवकाश का वर्णन करते हुए अपने मित्र को पत्र लिखें। झारखंड के प्रसिद्ध तीर्थ स्थलों के नाम लिखें। 1857 की क्रांति में भाग लेने वाले झारखंड के क्रांतिकारियों के बारे में पांच पांच वाक्य लिखें।</p>
Computer	<p>1. Question: Ravi is creating a webpage for his school's "Healthy Eating Campaign." He wants to display a list of healthy food items like fruits and vegetables and include their images beside their names.</p> <p>List of Items: Apples, Carrots, Spinach, Oranges, Tomatoes. How can Ravi use HTML to achieve this? How does this task promote healthy living and creativity?</p> <p>2. Question: Meena wants to create a webpage highlighting 5 famous personalities in history with their pictures and a brief description using an unordered list.</p> <p>List of Personalities: Mahatma Gandhi, Albert Einstein, Marie Curie, Nelson Mandela, Mother Teresa. How does this project teach her about respecting history and improving presentation skills.</p> <p>3. Question: Anil decides to create a webpage to plan a school trip and uses a description list to explain the activities for each day with related images.</p> <p>List of Activities:</p> <p>Day 1: Visit to the museum.</p> <p>Day 2: Nature hike.</p> <p>Day 3: Group games.</p> <p>Day 4: Campfire and storytelling.</p> <p>Day 5: Return journey. How does this task foster organizational and communication skills?</p>