



# CPC SR. SEC. SCHOOL

HOLIDAY HOME WORK (SESSION 2026-27)

## CLASS -IX

We are sure that all of you must have made plans to enjoy your holidays like visiting your grandparents, relatives, friends, watching television for some time during the day or taking a dip in the swimming pool.

We wish that you enjoy every minute of this long break. It will be great if you are able to find time to visit places, read story books, help your parents and grandparents, go for morning walks and play in the evening during your long summer break.

*Wishing all of you a very enjoyable and fun packed summer break.*

English	<p>Diary entry: - 1. Write experience on 'how did you spend your last holiday?'</p> <p>2. Read and write Headlines of Newspaper for 30 days</p> <p>* <u>Behive</u>: - Summarise your favorite chapter in 150 words.</p> <p>OR</p> <p>* <u>Moment</u>: - Choose your favorite lesson and character and explain the reason to like it. Also compare the similarities that you and your favorite character have.</p>
S.Sc.	<p>1. Explain the concept of karl marx about socialist society. (Write on A4 size sheet, colour pens)</p> <p>2. Locate all the physical features including mountains, plains, ocean, plateaus, seas on the map of India.</p> <p>3. Case study:- Trace the journey of a farmer from growing crops to selling them in the market. And write your observation</p> <p>4. Draw a mini constitution for the school, outlining key rules, rights and responsibilities of students. (use cardboard for making this)</p> <p>File project:- Create a file (15-20 A4 pages) focused on one of the following:- Earthquake, Tsunami, cyclone, drought Focus on causes, relief, efforts and preparedness.</p>
Math	<p>* Write all formula on A<sub>3</sub> sheet of ch-1 &amp; 2</p> <p>* Simplify (i) <math>\frac{1}{2+\sqrt{3}}</math></p>

	$(ii) \frac{5}{\sqrt{5}-\sqrt{3}}$ $(iii) (\sqrt{3} + \sqrt{7})^2$ $(iv) (\sqrt{5} + \sqrt{5})(5 - \sqrt{5})$ <p>* Locate <math>\sqrt{3}</math> on the number line.  * Write short note on any Indian mathematician.  * Do 10 extra questions of ch-1 and ch-2 in holiday home work copy.</p>
Science	<p>* Biology:- Draw the diagrams of  (i) Bacterial cell (ii) Plant cell (iii) Animal cell (iv) Cell Membrane  (v) Nucleus (vi) Endoplasmic reticulum (vii) Golgi apparatus (viii) Mitochondria (ix) Chloroplast</p> <p>* Solve chapter 1 NCERT exercise, solve all the pause and ponder form ch-1</p> <p>* Classify the living organism (Five kingdom classification)</p> <p>Chemistry:- Draw periodic table and learn the name of elements from atomic number 1 to 30.</p> <p>* Read chapter 5 (Exploring mixtures and their separations) and try to understand it.</p> <p>Physics:- Read Ch-4 (Describing motion around (us) and solve all the examples, NCERT exercise and pause and ponder.</p>
Hindi	<p>क) डायरी लेखन (प्रतिदिन)</p> <p>मुख्य बिन्दु :</p> <ol style="list-style-type: none"> <li>1. आज के दिन अपने आस पास के सामाजिक वातावरण से क्या सकारात्मक सीखा ।</li> <li>2. आज के दिन का सबसे अच्छा पहलू ।</li> <li>3. आज के दिन का नकरात्मक पहलू ।</li> </ol> <p>निम्नलिखित विषयो पर लगभग 15-20 पंक्तियों की कविताएँ लिखिए –</p> <ol style="list-style-type: none"> <li>(i) मेघ और मैं</li> <li>(ii) समाज में स्त्री/पुरुष</li> <li>(iii) मन की कल्पना</li> </ol> <p>(ग) 30 पर्यायवाची (प्रत्येक के तीन)</p> <p>(घ) 200 शब्दों में अनुच्छेद लिखिए (विषय- वर्तमान समय में बढ़ती साम्प्रदायिकता) अपने विचार भी प्रकट करें ।</p>
Information Technology	<p>* Write 10 Tips for self Confidence making up.</p> <p>* Write a shortcut key or full forms on A4 page.</p> <p>* Revise the chapter- communication skills and self-management and ICTs Skill prepare proper notes in own words.</p>

Note – Please take care of the neatness of the work and submit it on the first day of school after summer vacation.