



C.P.C.S.R. SEC. SCHOOL

HOLIDAY HOME WORK (SESSION 2026-27)

CLASS -XII B

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	<ol style="list-style-type: none">1. Prepare a report on the following topics:- bomb blast, ban plastic, circus show.2. Prepare any 2 Poems with detailed explanations & word meaning.3. Job application:- applying for a post of teacher in school. <p>Flamingo:– Prepare a summary of any chapter and compare the character with your life.</p> <p>Vistas:– Explain your favorite lesson in 120 words with proper reason to like this lesson.</p>
Physics	<ol style="list-style-type: none">1. Learn all formulas from each lesson (1,2,3)2. Make a project file on any one of the given topics–<ol style="list-style-type: none">(i) Rectifier(ii) Transformer(iii) Photo-electric effect(iv) Internal resistance of a cell(v) Astronomical (Refracting) Telescope(vi) Moving coil galvanometer (MCG)(vii) Electromagnetic Induction (EMI)(viii) A.C Generator
Chemistry	<ol style="list-style-type: none">1. Learn acidic basic radicals.2. Make a project file covering any one of the following topic:-<ol style="list-style-type: none">(i) Saturated solution(ii) Measuring solubility(iii) Change in EMF of Daniel cell(iv) Aldehyde(v) Carboxylic acid(vi) Alcoholic and phenols(vii) Biomolecules(viii) Electro chemistry

Biology	<p>1. Make a project file on any one of the given topics :- (a) Cancer (b) Environmental pollution, its sources, effects and control. (c) Test tube baby</p> <p>2. Make a model or chart on any one of the given topics- (a) Pedigree analysis (b) Biogas Plant (c) GM Crops</p>
Math	<p>1. Do all the example of chapter 1 to 5 in HHW copy 2. Learn and write the formula of inverse trigonometry, Determinants and Differentiation. 3. Solve the following question. (a) Investigate the bijection of a function using graphical method (b) Solve for x</p> $2 \tan^{-1}(\cos x) = \tan^{-1}(2 \operatorname{cosec} x)$ <p>(c) Discuss the differentiability of $x - 1$ at $x = 1$ (d) Find the derivation of following (i) $\log \sqrt{\sin x}$ (ii) $(x + \frac{1}{x})^{\cos x}$ (e) Find second order derivative of following (i) $\log(\sqrt{\sin x})$ (ii) $(x - \frac{1}{x^2})^{\cos x}$ (f) Discuss the activity of</p> $F(x) = \frac{ x-3 }{2x(x-3)} \text{ at } x = 3$
Phy. Education	<p>1. What is yoga ? Explain its importance in daily life. 2. All students must practice Tadasana, Halasana, Bhujangasana, chakrasana, Gomukhasana, Dhamurasana. Write the procedure and benefits. 3. Draw a fixture of 21,27,23 teams on knock- out basis. 4. Draw a fixture of 6,8,11 teams using league tournament basis.</p>

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