



BRIGHTLANDS GIRLS SR. SEC. SCHOOL , JAIPUR

HOLIDAY HOMEWORK ASSIGNMENT 2026-27 CLASS X

SNO	SUBJECT	ASSIGNMENT
1	ENGLISH	Visit a zoo in your city . On the basis of your visit, make a file covering the following details. Observation: "What specific behaviours or characteristics did you notice in the animals during your visit?" Analysis: "Can you compare and contrast the living conditions of different animal species in the zoo?" Communication: "How would you describe the importance of conservation efforts based on your observations at the zoo?" Critical Thinking: "What do you think are the ethical considerations involved in keeping animals in captivity, based on your visit to the zoo?" Research: "What steps would you take to gather more information about a particular animal specie after your visit to the zoo?" Problem-Solving: "If you noticed any issues related to animal welfare during your visit, how would you propose addressing them?" Reflection: "What insights did you gain about wildlife and conservation from your visit to the zoo?" (Poem- A Tiger in the Zoo)
		Presentation Tips: Use A4 sheets or a scrapbook. Keep the project neat, colorful, and creative. You can add drawings, pictures, and calligraphy. Mention your Name, Class, Roll Number on the first page.
2	HINDI	विज्ञापन लेखन- (A-4 आकार की) शीट पर तीन आकर्षक विज्ञापन तैयार कीजिए।
		ईमेल लेखन- (A-4 आकार की) शीट पर तीन ईमेल तैयार कीजिए।
3	SANSKRIT	समयस्य सदुपयोगः इति विषये अनुच्छेदं लिखत ।
		पञ्च प्रहेलिकाः संस्कृत भाषायाम् लिखत।
4	MATHEMATICS	Prepare a Portfolio The power of patterns:Arithmetic progression in daily life. Materials to be used : - A4 size sheet(plain / ruled white / coloured) , colours , Pen, Pencil, Pictures, etc. Activities:- (i)To establish a formula for the sum of first n terms of an arithmetic progression. (ii) To find the sum of first (n) natural number. (iii) To draw the graph of a quadratic polynomial and observe (a) the shape of the curve , when the coefficient of x^2 is positive. (b) the shape of the curve , when the coefficient of x^2 is negative. (c) its number of zeroes.

5	SCIENCE	Biology	1. Do the given practicals in practical file: a. Leaf peel to show stomata b. Release of carbon di oxide during respiration c. Binary fission in Amoeba and Budding in Yeast and Hydra.
			2.Using A4 size sheets draw the diagrams mentioned according to the roll no given : a. Roll no 1 to 10 Human Digestive System b. Roll no 11 to 20 Structure of Heart c. Roll no 21 to 30 Human EXCRETORY system d.Roll no 31 to 40 Human Brain
		Chemistry	1)Collect five examples of chemical reaction in your home. Identify type of reaction and explain chemistry behind each. 2)Create an advertisement or poster for any one element from the periodic table. Include its uses, properties, a catchy slogan, and why its essential.
		Physics	1) Using A4 size sheet draw the ray diagram of different cases of convex and concave mirror 2) Using A4 size sheet draw the ray diagram for different cases of convex and concave lenses
6	SOCIAL SCIENCE	<p>Explain how globalisation has shaped the Indian economy with reference to History Chapter 3: The Making of a Global World and Geography Chapter 7: Lifelines of National Economy. Include:</p> <ol style="list-style-type: none"> 1. Introduction – Meaning of globalisation 2. History – Trade, colonialism, 1991 reforms 3. Transport & Communication – Their role in connectivity 4. Impact – Economic, social, cultural, political + different groups 5. Challenges – Inequality, pollution, digital divide 6. Example – IT / e-commerce / exports 7. Conclusion <p>Use NCERT (History Ch.3: The Making of a Global World and Geography Ch.7: Lifelines of National Economy) and link History (trade, colonialism) with Geography (transport & communication). Write in your own words, add a map/flowchart/picture, keep it neat, and complete it in 800–1200 words</p>	
7	ARTIFICIAL INTELLIGENCE	<p>"AI TODAY" Magazine — Create a 4 pages magazine including cover page , news article, expert interview (real or imagined), comic/quiz/crossword. Create this magazine on A4 size sheet or you can take print out of the four pages.</p>	
8	INFORMATION TECHNOLOGY	a) Create a digital CV using Canva or MS Word. Include: • Photo, Career Objective, Skills, Education, Hobbies	
		b) Interview your parents or a local professional on how technology is used in their daily job. Record or write a summary (100–150 words). c) Write a paragraph on the importance of active listening. d) Create a comic strip (hand-drawn or digital) showing good and bad communication between a student and a teacher.	