

BIRLA SCHOOL, PILANI (Residential Wing)

SUMMER VACATION HOMEWORK 2024

CLASS-X

English	<ol style="list-style-type: none">1. Learn two long narrative poems of three minutes duration.2. Prepare a poster on festivals of Nagaland and write an article in about 150-200 words.3. Prepare your portfolio online.
Hindi	<ol style="list-style-type: none">1. 'मोबाइलफोनआवश्यकतायासमस्या', नैतिकमूल्योंहमारेजीवनमेंकितनेमहत्त्वपूर्ण ?इनदोनोंविषयोंपरलगभग 180 शब्दोंमेंअनुच्छेदलेखनकरें।2. उत्तरपुस्तिकामेंकरवाएगएपाठोंकास्मरणकरें।
Sanskrit	पाँचोलकारोंकेपाँच-पाँचवाक्यलिखकरसंस्कृतमेंअनुवादकीजिए। पाँचचित्रचिपकाकरसंस्कृतमेंवाक्यबनाइए
Maths	Write formulas based on Chapter 1,2 and 3 on Chart paper Art Integrated project Rajasthan & Assam on Weather, Religion and Population, Children education ratio 20-20 Extra Question Note: Use a separate Holiday Homework Notebook.
Physics	Write an activity which shows the bending of light. Write an activity which shows the application of mirror and lens in daily life.
Chemistry	Q1. Collect 5 important 'Masalas/vegetables/fruits' from your kitchen and prepare the chart about the chemical ingredients of the item. Also write the important functions of the chemicals in our life. Q2. Observe any 5 important chemical changes in your surroundings and write short notes about these changes. Support your answer with chemical reaction involved where required.
Biology	<ol style="list-style-type: none">1. Draw a labeled and colorful diagram of digestive system in human beings.2. The partially digested food coming from the stomach of a person enters a long and narrow organ. A in the body. The organ A receives the secretions of two glands C and D. C secretes a greenish yellow liquid E which is stored in the organ F. D secretes a juice G which contains H, I, and J. The intestinal juice completes the process of digestion of food. The inner wall of organ A has millions of tiny finger like projections called K which help in the rapid absorption of food. The undigested part of food then passes into wider tube called L which absorbs most of the water from undigested food. The last part of tube L called M stores the undigested food for some time. The undigested food is then passed out through opening N as faeces in the process known as O. Name A,B,C,D,E,F,G,H,I,J,K,L,M,N,O.3. Name the part of organelle where light reactions take place4. Name the part of organelle where dark reactions take place.5. Write three differences between light reactions and dark reactions.6. Illustrate holozoic nutrition in amoeba with diagrams only.7. Give a brief account of opening and closing of stomata with diagram.
Social Science	<ol style="list-style-type: none">1. Prepare a project file on consumer Right.