KRISHNAMURTY WORLD SCHOOL

Jaripada, Near Pratap Nagri, Cuttack-11

Holiday Homework 2024

STD: X

For Models:

❖ Kindly follow the instruction provided by the subject teachers.

For Project Report:

❖ Use A4 size paper only.

❖ Avoid taking printouts.

❖ Use blue / black ball pen to write.

❖ Maintain the front page, index page properly.

❖ Put all project report in a transparent stick file with proper labeling.

NB: For any help or assistance, contact the respective subject teachers.

Subject	Project
Mathematics	1)PROJECT WORK Prepare a project on Trigonometric ratios and verify the trigonometric identities from trigonometric ratios 2) HOMEWORK Complete exercises of chapter -1, chapter -2 and chapter -8 (all exercises) in your copy and practice thoroughly.
English	Discuss how the poem, 'Fire and Ice' and 'Dust of snow' brings out the theme of mortality. Comment on the life of Robert Frost and the conflict with nature in his poems. •All project work must be submitted in a file. •The cover page should show the school's name, Logo, Student's Name, Class, Section and Subject. •The cover page should not be typed. •The second page should be about acknowledgement • The third page should be about the content headings with their page numbers. •Use pictures and captions wherever possible. •Marks will be deducted for spelling and grammatical errors. •The word limit is 400-500. •Last page should be about bibliography (references/citation)
IT	Make a Project on an A6 /large size chart paper on the topic :Role & Responsibilities of IT Engineers. Demonstrate different employability career by exploring different fields of computer science and information technology to know the importance of it. Write /paste different jobs & explain briefly their roles & responsibilities. Hints: software developer, Architect, web developer, database

	administrator etc. Decorate it as per your choice and convenience by using colors and glitters. Do Book exercise Ch-1, 2, 3 in CW copy

Science Physics	Project:
	  • Image formation of object for any one position in a concave mirror either by using chart paper or by thermocol
	         OR
	    Make a 3D model of human eye
	  • Worksheet-1

Chemistry	1. What is meant by chemical formula? 2. Write the name, symbol , valency of the first 20 elements. 3. What is meant by variable valency. Give 2 examples. 4. Define Acid radical and basic radical? with 5 examples of each. 5. Write the formula of the following using criss cross method:- Calcium Nitride, Lead Nitrate, Potassium permanganate, Calcium hydroxide, Ferrous sulphate, Barium chloride, Copper sulphate, Silver Chloride. 6. Differentiate between physical and chemical change. 7. Define a chemical reactions 8. What are reactant and products. 9. How can you represent a chemical reaction. 10. Write the characteristics of a chemical reaction by giving example and chemical reaction involved in it. Activity:- Based on the characteristics of the chemical reaction perform some small experiment and click photo (if possible) or download the following take print out paste those photos in your H.W chemistry copy. Mention the reaction taking place in it.
Biology	NCERT exempler- Ch-Life Process Do Question No. 1, 2, 3, 26, 28, 36, 37, 40, 43, 44, 45, 49, 59, 79 in your CW Notebook.
SST	Geography Project: Write a project on the topic of sustainable development.

Odia	(1) (i) କୋଣାର୍କ
	    (ii) ପାଞ୍ଚଜଣ କୃତି କବି
	(2) Learn
	    ବଦେ ଉତ୍କଳ ଜନନୀ, ଜନ୍ମଭୂମି

Hindi	एक विद्यालय का मॉडल तैयार करें प्रेमचंद का परिचय लिखकर उनके द्वारा लिखित कोई कहानी लिखें।