



Summer Vacation Homework CLASS – 12th (Non Medical)

**SURAJ
SCHOOL**
MAHENDERGARH

Dear Students

Please do this in Holiday Homework Notebook and take your parents help to do this task.

Subject		❖ ENGLISH	
✚ Learning	Learn all short and long questions & answers from the following lessons and poems in Flamingo.		
	Lessons ▪ The Last Lesson ▪ Lost Spring ▪ Deep Water ▪ The Rattrap ▪ Indigo	Poems ▪ My Mother at Sixty Six ▪ Keeping Quiet ▪ A Thing of Beauty ▪ A Roadside Stand ▪ Aunt Jennifer’s Tigers	
✚ Writing	Write theme and Message of each poem mentioned below : • My Mother at Sixty Six • Keeping Quiet • A Thing of Beauty • A Roadside Stand • Aunt Jennifer’s Tigers Write Seven notices based on the following:- • Cultural Activities • Academic Activities • Sportss, Exursion and Fetes • Lost & Found Write articles having following titles : • Changing trends in education • Role of youth in frightening corruption • Status of women in society • Why is tourism not flourishing in India • Importance of head work and punctuality in a student life		
✚ Activity			
	❖ Cut 10 - 15 different reports from English Newspapers about current global issues and Social Problems and paste them in your notebook.		

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Subject ❖ Physics	
 Learning	❖ UNIT - 1 Electrostatics ❖ Unit - 2 Current Electricity ❖ Unit - 3 (A) moving charges & Magnetism
 Writing	✓ Write all NCERT Numerical of UNIT - 1, 2 & 3-A in Holiday Notebook ✓ Write Conceptual problems of UNIT 1, 2, 3 & 3-A in Holiday Notebook ✓ Write all Case Study of UNIT 1, 2, 3 & 3-A in Holiday Notebook
 Activity	❖ Make a chart on Wheatstone Bridge principle & moving coil galvanometer ❖ Make a chart on Combination of capacitors in (a) series (b) parallel

Subject ❖ Chemistry	
 Learning +  Writing	❖ Chapter ✓ Chapter : 1 solutions ✓ Chapter : 2 Electrochemistry ✓ Chapter : 3 Chemical kinetics ✓ Chapter : 4 D & f Block Elements ✓ Chapter : 5 Co - ordination Compound
 Activity	❖ #Complete practical record (file) ❖ #Project work and making chart (Any two) on given Topics..... i. Commercial cell ii. Lead storage battery or iii. fuel cell iv. Cell v. Osmosis in daily life vi. Biofuel Energy vii. Solar Energy viii. Urea production and preparation ix. Renewable energy

Subject ❖ Mathematics	
 Learning +  Writing	✓ Solve the NCERT exercise from CHP - 1st to 7th (Vol. 1) Elements ✓ Make a Neat and Clean notebook for solution and all NCERT Exemplar from Chapter 1st (Relation & Function) to Chapter 7th (differentiations) ✓ Solve all the MCQs of the Elements Book (Chapter 1st to 7th) ✓ Solve the Case Study of Elements Book (Chapter 1st to 7th) ✓ Higher order thinking Skill (Hots) - Practice (Chapter 1st to 7th)
 Activity	❖ Draw an activity to demonstrate a function which is not one - one but onto ❖ Draw an activity to verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l, m): l m \text{ is an equivalence relation}\}$ ❖ Make a 4×4 sheet for the formulae of differentiation

Subject	❖ Music Hind Vocal
 Learning + Writing	- ताल परिचय – रूपक ताल, झपताल, धमार ताल, - परिभाषाए – अंलकार, ग्राम, कण स्वर, वर्ण, आलाप, खटका, मुर्की, मूर्च्छना, गमक, मींड़, तान - ग्रंथ परिचय – ☒ संगीत रत्नाकर ☒ संगीत परिजात - रागो का शास्त्रीय परिचय – ☒ राग भैरव ☒ राग मालकौस ☒ राग बागेश्री - रागों के समय सिद्धांत के बारे में आप क्या जानते हैं? वर्णन कीजिए।

Subject		❖ Physical Education
✚ Learning + ✚ Writing	Unit 1 planning in sports Unit 2 children and women in sports	
✚ Activity	Prepare daily routine exercise for 21 st June	