



SUMMER HOLIDAY HOME WORK

CLASS :-X A & B

SESSION 2022-23

SUBJECT	HOLIDAY HOME WORK
MATHS (Mr. GOVIND CHOUHAN & Mr Pradeep Barde)	<p>1. Find HCF of any three numbers using euclids division algorithm by activity (cutting and pasting method)</p> <p>2. Draw the graph of any two quadratic polynomials and</p> <p>(a) find zeroes of the polynomials from the graph.</p> <p>(b) verify by factorization method.</p> <p>(c) verify the relationship between zeros and coefficients of the polynomial.</p> <p>3. Write the conditions of consistency and inconsistency of pair of linear equations in two variables. Write one example each of pair of equations representing intersecting lines, parallel lines, coincident lines.</p> <p>Represent above pair of equations on the graph.</p> <p>4. Assignment 1 based on real numbers.</p> <p>5. Assignment 2 based on polynomials.</p> <p>6. Project write a brief history of any three female Indian mathematicians.</p> <p>Note activities and project work is to be done in activity copy and assignment questions are to be solved in assignment copy.</p> <p>1. Find HCF of any three numbers using euclids division algorithm by activity (cutting and pasting method)</p> <p>2. Draw the graph of any two quadratic polynomials and</p> <p>(a) find zeroes of the polynomials from the graph.</p> <p>(b) verify by factorization method.</p> <p>(c) verify the relationship between zeros and coefficients of the polynomial.</p> <p>3. Write the conditions of consistency and inconsistency of pair of linear equations in two variables. Write one example each of pair of equations representing intersecting lines, parallel lines, coincident lines.</p> <p>Represent above pair of equations on the graph.</p> <p>4. Assignment 1 based on real numbers.</p> <p>5. Assignment 2 based on polynomials.</p> <p>6. Project write a brief history of any three female Indian mathematicians.</p> <p>Note activities and project work is to be done in activity copy and assignment questions are to be solved in assignment copy.</p>

ENGLISH

(Mrs. Samreena & Mrs.
SONALI CHOPDE)

Holiday Homework Class X English

1. Watch English news daily in order to equip yourself with the information and facts to be used in as content in writing skills.
2. Smartphone is one of the most important means of communication today. But it has also become a nuisance for some. Write an article on the same in around 120 words. You are sneh/sneha of class x. You may take the help from the following inputs.

Important means of communication - connects a person socially - keeps people updated, has become a virtual companion - many disadvantages - disrupts peace of mind - a constant source of disturbance - excessive usage leads to mental health disorder - cause of deadly accidents on road - biggest distractioin for students - should be used wisely - use to be minimize

3. Write a story on the basis of the cue given below.
It was karl's first day at the new school. He was feeling very nervous. He stood in a corner and watched the students laughing and talking excitedly. When he saw four senior students advancing towards him, he...
4. Describe the following words in 300 words.
 - a. Apartheid (refer 'Nelson Mandela : A Long Walk To Freedom')
 - b. Imprisonment (refer 'A Tiger In The Zoo')
5. Maintain a dictionary by reading an English newspaper and watch your favorite show. Take note of the new words(atleast 5) that you see and hear and copy those words down in your notebook. Refer to the internet and learn what those words means.

HINDI

(Mrs.SHAMIM
AKHTAR)

1-निम्नलिखित विषयों में से किसी एक विषय पर अनुच्छेद लिखिए---

1. युवाओं में बढ़ता मानसिक तनाव । विद्यार्थी जीवन में अनुशासन का महत्त्व।

2.थाना अध्यक्ष को एक पत्र लिखिए जिसमें आपकी स्कूटर चोरी की सूचना हो।

3.रचना के आधार पर वाक्य भेद एवं सरल ,संयुक्त तथा मिश्र वाक्य के दस दस उदाहरण लिखिए।

4 .सुभाषचंद्र बोस पर एक कार्य पत्रिका तैयार कीजिये।

SCIENCE

(Mrs. LEENA SHANDILYA
Mrs Mradulata Singh
Mr Kapil Sharma
Mr Johnson Varghese)

CHEMISTRY

1. Perform any 4 chemical reactions at home, click your photographs while doing so. Write down the balanced chemical equations for the reactions. Record your equations and observations on an A4 size sheet.

2. Do practice questions of chapter- Chemical reactions and equations
https://drive.google.com/file/d/1EvN2evQ-9s0D9INnqBylfNNsVbfVy_pc/view?usp=drivesdkCHEMISTRY HOLIDAY HOMEWORK

1. Perform any 4 chemical reactions at home, click your photographs while doing so. Write down the balanced chemical equations for the reactions. Record your equations and observations on an A4 size sheet.

2. Do practice questions of chapter- Chemical reactions and equations
https://drive.google.com/file/d/1EvN2evQ-9s0D9INnqBylfNNsVbfVy_pc/view?usp=drivesdk

PHYSICS

Make an Art Integrated project on any of the topic of chapter Light.Make an Art

	<p>Integrated project on any of the topic of chapter Light.</p> <p>BIOLOGY Make a project on diseases /diorders of Digestive system in human being. Also find the real reason(s) of the problem. Collect names and addresses of well-known Gastroentrologists in your city.</p> <p>Find home remedies generally used for gastric problems.</p>
<p>SOCIAL SCIENCE</p> <p>(Mrs.Preeti Marwaha and Mrs. Archana Khale)</p>	<p>HISTORY Make a relevant art integrated project on any given topic . Use Flow charts, Graphs , Pictures ,etc to make it in a Collaborative and Creative manner.</p> <p>a. Sustainable Development OR</p> <p>b. Consumer's Rights OR</p> <p>c. Social Issues</p> <p>ECONOMICS Make an Art integrated informative project on Consumer Awareness or Consumer Protection using handmade posters and slogans for the same</p>

**COMPILED BY: (CLASS REP) –Mr.
 PRADEEP BARDE &
 Mrs. Shamim Akhtar**