



Rayat Bahra International School
Hoshiarpur
(Affiliated to CBSE – 1631251)

Holiday Home Work

Grade - IX



Dear Children,

- You Matter us most and we All Miss You!!!!.
- Stay Home, Stay Safe
- Be Kind to your Family
- Get Creative

“This too shall pass. And we will pick up right where we left off!!!”

Summer Vacations are at our doorsteps. Holidays are a well deserved opportunity to relax and rewind by indulging in activities that are pleasurable at the same time educative. We would like to thank all of you for making online classes and virtual Assessment a success. You are going to enjoy your holidays. It's a sincere request to all to complete holiday projects and home assignments on time. Engage yourself whole heartedly as you will learn a lot through it. Practice your hobbies or inculcate new hobbies. Do a lot of Reading-can be newspapers, magazines, books or novels. Watch English news daily in order to equip yourself with the information and facts to be used as content in the writing skills.

Summer Holidays Homework is an initiative on our part, to inculcate innovativeness, creativity and interest in the tasks assigned to our students. It will not only enable them to recapitulate what was taught but will also help them to connect themselves to the various learning processes. Please ensure that your child complete the assignment neatly.

General Instructions



- ❖ All the work should be hand-written.
- ❖ Original drawings / illustrations and creative use of material will be appreciated.
- ❖ Present your work on A-4 size sheets and put it in an attractive folder with your name and class clearly written at the top.

The work will be evaluated for all the subjects on the following parameters.

Idea and content

Presentation

Ability to answer the questions

Innovativeness.

Creativity.

English



Reading	Writing	Grammar
<p>To enhance reading skills read any book of your choice may be detective novel or mystery novel. Any thing as per your choice.</p>	<p>Suppose a relative took you and your brother/sister to an exhibition while your parents were busy with your work. Write a diary entry describing your feelings about the relative's kind gesture.</p>	<p>Keep solving your integrated grammar worksheets based on sentence re- ordering, gap filling and editing.</p>
<p>After reading you will write on your English note book the characters involved.</p>	<p>Recently you survived an accident. Write a diary entry describing your feelings on having survived uninjured. Hints: <ul style="list-style-type: none">• When and where the accident took place• You have survived miraculously• How you felt on realizing that you were safe</p>	<p>Unseen comprehensions (Irrespective of whether you have BBC Compacta or Bravia)</p>
<p>Imagine yourself to be the main character and how you have moved if you would have been there.</p>	<p>Write a diary entry to describe your visit to an orphanage/old age home. Hints: <ul style="list-style-type: none">• When you visited and why• How you felt about your experience there• Who you met there and what you did there</p>	
<p>Summary of the novel</p>		



Assignment work

- 1) Topic : ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਵਿੱਚੋਂ ਅਲੋਪ ਹੋ ਰਹੀਆਂ ਕੋਈ ਦਸ ਚੀਜ਼ਾਂ ਦੀ ਸੂਚੀ ਬਣਾਉ, ਉਹਨਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਪਿੰਟ ਕਰਵਾ ਕੇ ਲਗਾਉ ਅਤੇ ਉਨ੍ਹਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਇਕੱਠੀ ਕਰਕੇ ਲਿਖੋ।
- 2) Topic: ਕਵਿਤਾ ਭਾਗ ਵਿੱਚ ਆਏ ਕਵੀਆਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਲਗਾ ਕੇ ਉਨ੍ਹਾਂ ਦੇ ਜੀਵਨ ਬਾਰੇ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਉ।
(ਭਾਈ ਵੀਰ ਸਿੰਘ, ਧਨੀ ਰਾਮ ਚਾਤ੍ਰਕ, ਫਿਰੋਜ਼ਦੀਨ ਸ਼ਰਫ, ਵਿਧਾਤਾ ਸਿੰਘ ਤੀਰ, ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ)
(Do this work on assignment sheets. It should be neat and clean.)

Following work only for learning:

Essay :

1. ਮੇਰਾ ਮਨਪਸੰਦ ਅਧਿਆਪਕ
2. ਜੇ ਮੈਂ ਪ੍ਰਿੰਸੀਪਲ ਹੁੰਦਾ
3. ਬੇਰੁਜ਼ਗਾਰੀ

Letter :

ਵਪਾਰਕ ਪੱਤਰ :- First five

Hindi



Assignment work

प्रश्न 1:- भारत का नाम रोशन करने वाली निम्नलिखित महिलाओं के चित्रों का संग्रह कीजिए तथा उनके बारे में संक्षिप्त जानकारी प्राप्त करके लिखिए:-

क) पी.टी.उषा ख) आरती साहा ग) किरण बेदी

प्रश्न:-2 भक्ति काल के प्रमुख कवि कौन- कौन से थे ? उनके बारे में संक्षिप्त जानकारी दीजिए।

Do this work on assignment sheets.

Following work only for learning:

अनुच्छेद :

वृक्षारोपण
अनुशासन का महत्व
श्रम का महत्व
समय का महत्व

पत्र :

संवेदना पत्र :-
Letter No. 6,7,9,10

Maths



Revise chapter 1,2,3 Unsolved sums of xact maths

Lab manual : Complete first 10 activities .

Lab manual : Complete ch 1,2,3

Revise

Remedial worksheet

Complete MCQ of lab manual of chapter 1,2,3.

Science



Write 1 and 2 experiments of biology and chemistry in your lab manuals.

Prepare one video of any one experiment as I already discussed in class.

Solve these numericals :-

1. How much water should be added in 15 g of salt to obtain 15% salt solution?
2. The concentration of salt solution in terms of mass by mass percentage is 20% and the mass of the solution is 550 g. Determine the mass of salute present in the solution?
3. What volume of ethyl alcohol and water must be mixed together to prepare 250 ML of 60% by volume of alcohol in water.
4. A solution contains 50 g of sugar in 350 g of water. Calculate the concentration of solution in terms of mass by mass percentage of the solution.
5. Calculate the mass of water and mass of glucose required to make 250 g of 40% solution of glucose.

Science



Power Point Presentation

Choose any one topic:-

Electromagnet

Laws of motion

Gravitation

Sound

Work and Energy

a. It should be of 12-14 pages including Title, Index, Introduction and References.

b. It should be maximum of 3-4 minutes.

c. Please share your presentation on my email id- taniamalhotra97@gmail.com

Lab Manual Physics:-

Experiment no-1. To verify the laws of reflection of sound.

Experiment no-2. To determine the density of a solid (denser than water) by using a spring balance and a measuring cylinder.

Science



Numerical Problems:-

- 1. The odometer of a car reads 2000 km at the start of a trip and 2400 km at the end of the trip. If the trip took 8 h, calculate the average speed of the car in km h^{-1} and m s^{-1} .**
- 2. A train is travelling at a speed of 90 km h^{-1} . Brakes are applied so as to produce a uniform acceleration of -0.5 ms^{-2} . Find how far the train will go before it is brought to rest.**
- 3. An artificial satellite is moving in a circular orbit of radius 42250 km. Calculate its speed if it takes 24 hours to revolve around the earth.**
- 4. A bullet of mass 20 g is horizontally fired with a velocity 150 m s^{-1} from a pistol of mass 2 kg. What is the recoil velocity of the pistol?**
- 5. From a rifle of mass 4 kg, a bullet of mass 50 g is fired with an initial velocity of 35 m s^{-1} . Calculate the initial recoil velocity of the rifle.**
- 6. An object of mass 100 kg is accelerated uniformly from a velocity of 5 m s^{-1} to 8 m s^{-1} in 6 s. Calculate the initial and final momentum of the object. Also, find the magnitude of the force exerted on the object.**
- 7. An object weighs 10 N when measured on the surface of the earth. What would be its weight when measured on the surface of the moon?**
- 8. Mass of an object is 10 kg. What is its weight on the earth?**

Solve all these questions in A4 sheets

Social Science



History	Geography	Economics
SECTION 1 (Related with French Revolution) from lab manual.	Assignment 1 (Size and location and physical features of India) from lab manual.	Make a Model or Chart on 'Economic and Non- Economic Activities'

Information Technology



Project Work

Create a Presentation on topic “ The Water Cycle”

Instructions

- **Open Microsoft Power Point**
- **List the stages of Water Cycle.**
- **Add Pictures, Clip Art image and effects as required.**
- **Save the presentation with name “ The Water Cycle”**

Note : Compile the presentation and send at : manuvig.vig82@gmail.com

In this pandemic time you need to prevent yourself from COVID 19 infections by following these simple measures:



- Practice hand hygiene frequently.
- Maintain respiratory hygiene and wellness.
- Maintain at least a 1 meter distance between yourself and others.
- Wear a three layer mask every time; you are going out without fail.
- Boost your immunity through nutritious food, yoga and exercises.
- Read and Revise the Course covered in the virtual classes.
- Understand the concepts and practice questions.
- Complete your pending assignments.(if any).
- Take good care of your health and hygiene.
- Avoid heavy and oily food and increase intake of fresh fruits and water to keep you well hydrated and energetic.





*The tans will fade
but the memories will
last forever.*

*Happy Summer
Holidays*