

Baring School, Jandiala Guru
Holiday Homework (Summer Vacations)(2024-25)

Class-IX

Dear students and parents....

The long-awaited summer vacation is here. Yes, it's a break from studies, early mornings and tests. It's a time for playing games and having a lot of fun at home. The School encourages the students and parents to spend time together as much as possible. We have planned some helpful assignments for this vacation. Apart from this we encourage parents to focus on refreshing and fun filled activities for this vacation.

❖ **For Students:**

- Relax, enjoy, play at home, learn new things from parents, spend time with grandparents ,watch productive and informative programs on TV.
- Spend an hour minimum every day in working out /doing your holidays homework. Don't hustle at the last minute. Manage and plan your studying and playing hours, TV time etc. so that you can complete the work on time.
- Be independent and honest in doing your work.

Note :

- The holiday homework must be done systematically as per the given instructions.
- Students/ parents are requested to schedule 1 hour at least per day towards holiday homework.
- Summer vacations will start from 01.06.2024 to 7.07.2024 .The school will reopen on 8th July 2024.
- Submit your Holidays Homework in School as per the Instructions-

Date	Day	Subject
08.07.2024	Monday	Biology,English
11.07.2024	Thursday	Maths,Geography
12.07.2024	Friday	Punjabi,Hist/Civics,Computer
12.07.2024	Friday	Economics,Chemistry

Eng. Language	<ul style="list-style-type: none"> • Prepare these topics for speaking activity to be held in school after holidays. Roll no 1 to 24 <ul style="list-style-type: none"> • A day in the life of a student. • Mobile phones –a blessing or a curse? • There is no place like home Roll no-25 to 48. <ul style="list-style-type: none"> • Life usually gives another chance to those who try hard. • Visit to a multi-speciality hospital. • Homework should be given to students everyday.(either for or against) <ul style="list-style-type: none"> ▪ Write a composition (300-350 words)on any one of the following:- • Write an account of a book or film or a television programme that you have enjoyed ,and try to analyse which particular features gave you pleasure. • As a student you have worked on many projects.Narrate your experience of completing your most memorable project.
Literature in English	<ul style="list-style-type: none"> ▪ Suppose you are Baron Hausberg of 'The Model Millionaire'. Hughie Erskine has given you a sovereign .Based on the same circumstances ,what would be your action in favour or against Hughie Erskine(300-350 words) ▪ Paraphrase Act one scene-II 'The Public Place' in your own words(200-250 words)
Punjabi	<ul style="list-style-type: none"> • I - 'ਜ਼ੀਨਤ' ਦਾ ਪਾਤਰ ਚਿੱਤਰਨ ਕਰੋ । • II- ਸਮਾਜ ਵਿੱਚ ਫੈਲੀਆਂ ਸਮਾਜਿਕ ਕੁਰੀਤੀਆਂ 'ਦਾਜ ਦੀ ਸਮੱਸਿਆ', ਭ੍ਰਿਸ਼ਟਾਚਾਰ , ਭਰੂਣ ਹੱਤਿਆ ,ਰਿਸ਼ਵਤਖੋਰੀ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ ਲੇਖ ਤਿਆਰ ਕਰੋ । ਉਸ ਸਮਾਜਿਕ ਕੁਰੀਤੀ ਦੇ ਕਾਰਨ, ਨੁਕਸਾਨ, ਲਈ ਸੁਝਾਅ ਵੀ ਪੇਸ਼ ਕਰੋ । <p>ਰੂਪ ਰੇਖਾ –ਭੂਮਿਕਾ, ਆਰੰਭ ,ਅਜੋਕੇ ਸਮੇਂ ਦਾ ਰੂਪ ,ਸਿੱਟੇ ,ਕਾਰਨ ,ਕੋਈ (4-5),ਰੋਕਥਾਮ ਲਈ ਸੁਝਾਅ ।</p> <p>ਮਹੱਤਵਪੂਰਨ ਗੱਲਾਂ :</p> <ol style="list-style-type: none"> i) ਉਪਰੋਕਤ ਦੋਵੇਂ ਭਾਗ – I,II ਅਸਾਈਨਮੈਂਟ ਸੀਟ ਤੇ ਕੀਤੇ ਜਾਣ । ii) ਗਤੀਵਿਧੀ ਸੁੰਦਰ ਅਤੇ ਸਪਸ਼ਟ ਲਿਖਾਈ ਵਿੱਚ ਹੋਵੇ iii) ਗਤੀਵਿਧੀ - II ਘੱਟੋ ਘੱਟ 10-12 ਪੰਨਿਆਂ ਵਿੱਚ ਸੰਪੂਰਨ ਹੋਵੇ । iv) ਵਿਸ਼ੇ ਨਾਲ ਸਬੰਧਿਤ ਤਸਵੀਰਾਂ ਲਗਾਉਣੀਆਂ ਵੀ ਲਾਜ਼ਮੀ ਹਨ । v) ਗਤੀਵਿਧੀ - I ਘੱਟੋ ਘੱਟ 2-3 ਪੰਨਿਆਂ ਵਿੱਚ ਸੰਪੂਰਨ ਹੋਵੇ । vi) ਨਕਲ ਤੋਂ ਪਰਹੇਜ਼ ਕਰੋ । ਆਪਣੀ ਸ਼ਬਦਾਵਲੀ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਜਾਵੇ ।
Economics	<p>Analyse any recent government scheme in context to infrastructural development in the country.</p> <p>Guidelines for assignment:</p> <ul style="list-style-type: none"> • 20 pages (On Assignment sheet) • Title Page should be clear and concise Using capital letters for principal words-Avoid capitalising every word. • Index should be clear,creative and divided into 4 parts like as s.no.Concept or title Pg no and remarks. • Acknowledgement should be added. • Introduction about the policies/meaning of policy • Introduce any 5 policies related to Infrastructural development. • You have to write on single ruled sheet of your assignment and left side page should be creative.E.g click and paste pictures related to Infrastructure development in your area,you can use newspaper cutting,articles,magazines as well as books.

	<ul style="list-style-type: none"> Conclusion section should be concise and to the point. Highlighting the main points in the text will help you draw to important information in your content. Use emphasis techniques ,such as bold,italics,underlining or quotation marks. <p>Note-Do your work according to the given instructions.Downloading pictures from google and pasting in your assignment is strictly prohibited.You can use only realia pictures,newspapers cutting ,magazines articles etc.</p>
Maths	<ul style="list-style-type: none"> Solve Miscellaneous exercise of ch-1,2,3,4,5,6 Solve sum 1 (a,b),Sum 2 (a,b),Sum 3 (a),Sum 4 (b),Sum 5 (c),Sum 6 (b),Sum 7 (b),Sum 8 (b) of Revision paper 1 on Pg no-254,255 Solve Sum 1 (a,b), Sum 2 (a,b),Sum 3 (a),Sum 4 (b),Sum 6 (c),Sum 7 (b),Sum 9 (b) of Revision paper 2 on pg no-256,257 Assignment for Internal Assessment-Conduct a survey of a group of 5 students and represent it graphically – (height,age,weight,number of family members,pocket money,monthly expenses per student and monthly family income) You should write-i)Acknowledgement ii)Index iii) In this survey,collect the following data from a group of 5 students and represent it graphically (draw bar graphs) *Age *Weight * Height * Number of family members *Pocket money of each student *Monthly expenses per student * Family Income of each student Conclusion Bibliography (Complete the assignment with in 10 to 15 pages and make your project file creative) Rubrics: Preparation(4)+Concept (4+,Computation-(4)+Creativity and Presentation (4)+Understanding (4)=20
Bio	<p>Practical work</p> <p>Unit-I</p> <ol style="list-style-type: none"> Morphological study of a cross pollinated flowering plant .(any two) To study the floral parts of a flower.(atleast 2) To study cross –pollinated flower and identify their various parts(atleast 2) To study the structure of germinating seeds (atleast 2) Practise the following diagram and label the diagrams. i)Plant cell and animal cell. ii)Mitochondria iii)golgi bodies or apparatus iv)Ribosomes v)Xylem elements vi)Phloem vii)epithelial tissue viii)Nerve cell ix)Structure of Ovule x)Stage of germination of pollen grain xi)Fertilization xii)Glycolysis and Krebs cycle.
Physics	<ul style="list-style-type: none"> Measure the length ,breadth and thickness of a glass block using a metre rule,take the mean of three readings in each case.Calculate the volume of block in cm^3 and m^3.Determine the mass (not weight) of the block using any convenient balance in g and kg.Calculate the density of glass block in S.I units using mass and volume.(Do it on your practical file) HOTS-i)Why is it difficult to stop a loaded truck than an empty one? ii)How does a fish dive and float in water?Explain. iii)What happens to the gravitational force between two bodies if the distance between them is doubled? (Note: Use reference books (write the name of ref.books) Draw diagrams and write your answers in 60-70 words) NUMERICALS: A small (toy)car of mass 500 g.travels with a uniform velocity of 25ms^{-1} for 5s.The brakes are then applied and the car is uniformly retarded and comes to rest in 10s.Calculate : a) the retardation b)the distance that the car would travel after the brakes are applied. A U-shaped tube contains mercury to the same level in both of its limbs.If water is poured to a height of 13.6 cm in one arm,how much does the mercury level rise in the other arm?(density of $\text{Hg}=13.6\text{ g cm}^{-3}$;density of water=$1\text{ g cm}^{-3}$) The gravitational force between two objects is 20N.When the distance between them is reduced to half,what is the new force? A bullet of mass 25 g moving with a velocity 'u' hits a target with a force of 200N.If the bullet penetrates the target through 60 cm,find the value of u. A body starts from rest and accelerates to a velocity of 20 ms^{-1} in a time of 10s.Determine the acceleration of the body. <p>Note-Do HOTS and numericals on your physics notebook.</p>
Chemistry	<p>Unit-5</p> <ol style="list-style-type: none"> Experiments based on hard water and soft water. (A) To find out the sources of pollution of water bodies in the locality and (B) To suggest preventive steps to control water pollution. Make a project file on periodic table (elements 1-30)with symbol ,atomic number ,atomic mass and name of an element. Write the types of chemical reactions by giving two examples of each reaction. Write Balancing equation By hit and trial method (10) By partial equation method (10)
Hist/Civics	<ul style="list-style-type: none"> Make a comparative study of Harappan and Mesopotamian civilization .(Give answer in 2 to 3 pages, Reference book 6th Class Hist/Civics) Write the Art and architectural features of any one these monuments-Sanchi Stupa or Brihadeshwar temple at Thanjour (Give the answer in 2 to 3 pages ch-7) Answer the following question into 30 to 40 words. i) Today we live in a well planned city.These cities describe which legacy of history.Write main features of it. ii) "The set of instructions given by a King to his subjects".This statement tell us about which thing who started this and why?

	<p>iii) This victory was the greatest defeat for him as a person. He was filled with remorse by death and destruction caused in war. Which war is discussed and who was this person and describe this war in your words.</p> <p>iv) He worked for upliftment of scheduled caste people due to his efforts now these people work on high rank jobs of the country. Who was this person and what were his contributions towards country.</p>
Computer	<ul style="list-style-type: none"> • Programs using Assignment operators: <ul style="list-style-type: none"> i) Write a program to input two numbers and print the product and difference. ii) Write a program using ternary operator to find the greatest number out of the two given numbers. iii) Write a program to print the area and perimeter of a square. iv) Write a java program to take the radius of a circle using method call and print the area and circumference. v) Write a java program to input two numbers and print the numbers after swapping. For ex: Input a=8 ,b=4 Output a=4 ,b=8 vi) Write a program to input any value from 1 to 7 and output the name of the weekdays corresponding to the entered integer from the keyboard. vii) Write a program to display the area of a triangle using Heron's formula. viii) Write a program to print all the even numbers between 20 and 40. ix) Write a Java program to print the cost of 30 pens if the cost of 50 pens is Rs.3000. x) Write a program to print the area and perimeter of a rectangle whose length is 8 cm and breadth is 5 cm. xi) Write a program to swap two numbers. xii) Write a program to input the selling price and cost price and print the profit and profit percentage. xiii) Write a program to input a number and print the square root and cube root of the number. xiv) Write a program to input a number and print whether it is an even number or odd number. xv) Write a program to input two numbers and print whether they are equal and if not, print the greater number.
Geography	<ul style="list-style-type: none"> • Find out the sources of pollution of water bodies in your locality and determine the quality of water. Communicate your findings through appropriate modes (Posters, charts, collages, animation etc.) • Maintain and record weather as found in the newspaper from 1 June, 2024 to 30 June, 2024 on your file, paste the newspaper cuttings describing the problems faced by people due to rise in temperature.
Phy. Edu.	<ul style="list-style-type: none"> i) What is 'encouragement' in Physical education? ii) What is "Health related fitness"? iii) Why is elasticity an important quality of muscle tissue? iv) What are the primary functions of skeletal muscles? v) Which muscle types can regenerate new cells? vi) A free throw in Basketball is worth 1 point. Why is it? vii) Which muscles are used while a player is shooting the ball? viii) Give full form FIBA, BFI, NBA. ix) Which muscle is used while a player smashes the ball in volleyball? x) Make an assignment on cricket Include-History latest Rules Playing field and Equipments, tips to remember, fundamental skills of Cricket important Personalities awards and tournaments. xi) Practise Physical efficiency test <ul style="list-style-type: none"> • 50 M run (Timing in Seconds and tenths) • Standing long Jump (Distance in m) • Distance run (Timing in min and Sec) • Floor Push-ups Boys (Numbers) • Shuttle run (Timing in Sec and tenths) • 30 sec sit-ups (Numbers) <p>Record the same in your Physical education Notebook (Day/Date as per given instructions)</p>
SUPW	<p>Make a first aid box. Choose any 10 contents from the following:</p> <p>i) Bandage ii) Scissor iii) Disposable Gloves iv) Sanitizer v) Cotton vi) Cotton Swab vii) Tweezer viii) Antiseptic Solution ix) Betadine Ointment x) Microtape xi) Thermometer xii) ORS xiii) Glucon-D xiv) Pain relief spray/ointment</p> <p>Note- Make a list of contents & prepare a table with Mfg. & Expiry date. Paste it on the First Aid box.</p>