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

Class-VII

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.
  ➢ Help yourself in keeping your belongings like books, clothes ,bag ,footwear etc. in a proper place and help your family in making your home a beautiful place to live in.

❖ **For Parents:**
  ➢ Kindly ensure to make this summer vacation a fruitful and happy period for your child.
  ➢ Spend quality time with your child.
  ➢ Have at least two meals together with your child.
  ➢ Let your child bond with his /her grandparents.

Note :

- Do your Home work according to the given instructions.
- To get full marks ,do your work yourself and in neat handwriting.
- Consider the given time-slot for submission of Homework.
- Summer Holidays are going to start from from 01.06.2024 to 7.07.2024 .The school will reopen on 8th July 2024.
- Make sure that you understand the concept,if you are preparing a project or solving worksheet.
- Submit your Holidays Homework in School as per the Instructions-

Date	Day	Subject
08.07.2024	Monday	Geo +Eng (R+G)
09.07.2024	Tuesday	Maths+Physics+Hindi (R+G)
10.07.2024	Wednesday	Computer+Chemistry+Punjabi (R+G)
11.07.2024	Thursday	Hist/Civics

Eng (R)	• AN NGO works for the well being of the needy people.(It is an institution which always comes forward to serve the humanity.)An NGO never works alone.It also collects stuff from other people to serve the people in need.Pingalwadha is such a kind of institution which has adopted many children who are physically challenged, orphans and old age people.There are many other institutions like Sewa Samiti ,Being Human,Swami Dayanand Trust,Service of Humanity (Manukhta di Sewa). Visit any such kind of Social service institution and find out how it organises the distribution of the collected stuff.Don't forget to donate there.
	• Make a report of your experience in 75-100 words on A4 Sheet.You may also save the memories of your visit and giving a helping hand.
	   Rubrics : Presentation (1)+Originality (1)+ Quality of words used (2)+ Timely Submission(1)+ =5
	• **Father's Day (16th June,2024)** :Make a greeting card for your grandfather or father. Inside it,write a message in 75-100 words telling how much you love and care for him.In your message you may show your gratitude ,appreciation, blessings and contentment etc.Present this card to your father or grandfather on Father's Day. Update the same message in your English Notebook.
	• Prepare any 2 points of real life examples (Any 2) for debate for the given topic.(to be held in school).Are mothers as important as fathers?
	   Rubrics : Format of message (1)+Originality of emotions (1)+ Timely Submission(1)+ In school debate (2) =5

Eng (G)	• Listen to the audio of the Poem 'My Mother' by Ann Taylor and Pick out all sets of rhyming words and update on Pg no-36 of Eng (R)Book .(5) • Solve comprehension 6,7 on Eng (G) book. • Solve Part E of Pg -30 of Eng (G)Book.Frame the sentences using three degrees of Adjectives. • Solve Part D,E,F of Pg no-34,35,36
Punjabi	• ਪਾਠ ਪੁਸਤਕ ਪਾਠ- 6,7 ਯੋਗਤਾ ਪਰਖ ਭਾਗ ਹੱਲ ਕਰੋ ਅਤੇ ਵਿਆਕਰਨ ਭਾਗ ਹੱਲ ਕਰੋ । • **ਵਿਆਕਰਨ** – ਪੈਰਾ ਰਚਨਾ : ਸਾਡੇ ਸਕੂਲ ਦੀ ਲਾਇਬ੍ਰੇਰੀ **ਚਿੱਠੀ ਪੱਤਰ:** ਨਗਰ ਪਾਲਿਕਾ ਦੇ ਪ੍ਰਧਾਨ ਨੂੰ ਆਪਣੇ ਮੁਹੱਲੇ ਦੀ ਸਫਾਈ ਲਈ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ । ਮੁਹਾਵਰੇ-'ਸ' ਅੱਖਰ ਤੋਂ ਸ਼ੁਰੂ ਹੋਣ ਵਾਲੇ ਕੋਈ 10 ਮੁਹਾਵਰੇ ਲੱਭ ਕੇ ਲਿਖੋ।
Hindi	• **पाठ्य पुस्तक:** पाठ-7,8 भाषा मंथन भाग हल किया जाए । • **योगा दिवस (21st June ,2024):** सूर्य नमस्कार योगासन की विधियों के बारे में लिखे। (पृष्ठ -35) • **व्याकरण प्रबोध** –निबंध : विद्यार्थी और मोबाइल फोन • **पत्र लेखन** :आपका मित्र बीमारी के कारण परीक्षा नहीं दे पाया जिस कारण वह निराश है। उसका हौसला बढ़ाते हुए सहानुभूति पत्र लिखो। • पुनरावृत्ति कार्यपत्र-3,4,5 हल करो । संकेत बिंदु –प्रस्तावना , विज्ञानिक आविष्कार , विद्यार्थी जीवन में उपयोगिता , दुष्परिणाम, उपसंहार
Maths	• Solve Sum no-a,d of Part-2,Sum no-a,b,c of part-3,Sum no-a,b,c of Part-7 ,Sum no-9,10 of practice time of Ch-4 (Pg -52,53) • Solve Sum no (a,b,c,d) of part 2,3,4,Sum no (a,b) of (Part 7),Sum no-a,b,c of Part-9 of Ch-5 (Pg -65,66) • Solve Sum 1,2 of 'Think Smart' of Pg -66
Bio	• We take more water in summer but excrete less volume of urine.On the other hand,we drink less water in winter and produce more urine, Why? • Fishes have streamlined body.Why? • Worms crawl on the ground surface.How? • Birds and Mammals have four chambered heart .Why? • What is the source of ammonia in our body? • Whales have fish like body and live in water, but are placed in class Mammalia. Why? • Draw following diagrams: i)Sycon ii)Sea anemone iii)Tape worm iv)Prawn v)Sea urchin vi)sea horse vii)frog viii)Crocodile ix)Dialysis x)Human Excretory System

	• **Environment Day (5th June 2024)**- Plant a sapling on the road side,in your locality and send a pic in your class group.Keep in mind that you have to water it every day.It will grow with you
Physics	1. Make a list of a 10 household items that use electricity .Read about the electricity requirement of the device. Now answer the following questions.(3) • Which equipment has the highest electricity requirement? • How do you think you can save energy ? Write 2-3 points. • How useful will a solar panel be in saving electricity? Write 2-3 points. 2. Draw a figure of the reflection of light where the angle of incidence is 20^0 .Draw a normal and reflected ray using a protractor.Answer the following questions.(3) i) What will be the angle of reflection? ii)What is the angle of normal to reflecting surface? iii)If the angle of incidence is increased by 10^0 , will the angle of reflection change?If yes,then draw another figure depicting this? HOTS-i) Why is a fabric whitener blue in colour? ii)Energy transformation can be both desirable and undesirable.Write three ways in which energy transformation is undesirable.
Chemistry	• Do the following activities on Pg no-23,38,57 (5) • Please help Sanjam to identify the techniques given on Pg no-57. • Classify the following mixtures as homogeneous & heterogeneous.(Pg no-57) • Mind telling concept on Pg no-23,38. • Make a model of three states of matter:Solid,Liquid and gas.(5)
Hist/Civics	• Make a poster on A_3 sheet Paper to describe the various kinds of freedom laid down by article 19 of the constitution.(5) • Prepare the given topic for Debate to be held in class, after holidays. Mohammad Bin Tughlaq was a better ruler then 'Alauddin Khilji'.(5)

Computer	• Convert these into the given number system and write their results.
	  a) $(101)_2$ to decimal number system. A)$(250)_{10}$ to binary number system.
	  b) $(101001)_2$ to decimal number system. B)$(126)_{10}$ to binary number system.
	  c) $(1110)_2$ to decimal number system. C)$(489)_{10}$ to binary number system.
	  d) $(10101)_2$ to decimal number system. D)$(173)_{10}$ to binary number system.
	  e) $(492)_2$ to decimal number system. E)$(40)_{10}$ to binary number system.
	  f) $(3698)_2$ to decimal number system. F)$(69)_{10}$ to binary number system.
	  g) $(1763)_2$ to decimal number system. G))$(202)_{10}$ to binary number system.
	                                            h) $(303)_{10}$ to binary number system.
	                                            I)$(11)_{10}$ to binary number system.
	• Perform the following operations on binary numbers:-
	a)Subtract $(110)_2$ from $(1111)_2$ a)Add $(1000)_2$ from $(1001)_2$
	b) Subtract $(101)_2$ from $(1000)_2$ b)Add $(111)_2$ from $(001)_2$
	c)Subtract $(10111)_2$ from $(101111)_2$ c)Add $(1101)_2$ from $(100100)_2$
	d)Subtract $(1010)_2$ from $(1101)_2$ d)Add $(1111)_2$ from $(1111)_2$
	e)Subtract $(1111)_2$ from $(111111)_2$ e)Add $(1001)_2$ from $(1010)_2$
	f) Subtract $(10101)_2$ from $(110101)_2$ a)Add $(11001)_2$ from $(11000)_2$

Geography	• Refer Pg no-9,10,11 and draw conventional sign and symbols used in the survey of Indian Maps on A4 sheet according to the given Roll No-.(5)
	
	    <table><tr><td>Roll no</td><td></td></tr><tr><td>Roll no- 1-15</td><td>1 to 16 symbols</td></tr><tr><td>Roll no 16-30</td><td>17to 32 symbols</td></tr><tr><td>Roll no 31-46</td><td>33 to 46 Symbols</td></tr></table>
	  Rubrics : Presentation (2)+ Understanding (2)+ Timely Submission (1) =5
	• Read about Movements of the earth: Rotation and Revolution topic from your book and answer the following questions in 50-60 words on a sheet of Paper.(5)
	  i) If we fit a circle on the earth, It will not fit exactly. Why?
	  ii) What is circle of illumination?
	  iii) What do you mean by equinox?
	  iv) Write the dates on which days and nights are equal.
	  v) 22nd December is termed as 'Winter solstice' in the northern hemisphere, Which day is considered as 'summer solstice' in southern hemisphere?