

GURU HARKRISHAN PUBLIC SCHOOL KAROL BAGH

HOLIDAY HOMEWORK 2023-24

Class 10 (English)

1. Listen to the news at <https://english-practice.net>. or open the link with the title “listening ExercisesB1- The News-English Practice Online” on Google and complete the exercises mentioned there in a separate notebook.
2. Read all the chapters of your English Literature Book. Write the character sketch of the following.
 - a) The Grandmother (How I taught My Grandmother to Read)
 - b) Postmaster (The Letter)
 - c) Nicola and Jacopo (Two Gentlemen of Verona)
 - d) The narrator
 - e) The Frog
 - f) The Nightingale
3. “Where there is a will, there is a way” How did the two boys prove it. Discuss with reference to the chapter “Two Gentlemen of Verona”.
4. Given below is a list of literary devices. Select any three poems from your syllabus and highlight the presence of listed devices while explaining the literary devices
 - a) Simile
 - b) Metaphor
 - c) Personification
 - d) Irony
 - e) alliteration
 - f) Imagery
 - g) Hyperbole
 - h) Assonance
 - i) symbolism
5. Maintain a dictionary by reading an English newspaper daily and watch your favorite show. Take note of new words that you see and hear and copy those words down in your notebook. Refer to the internet and learn what these words mean.
6. With respect to the initiation of the program “Ek Bharat Shreshtha Bharat” by the Govt. of India, collect the following information about Andaman & Nicobar Island and write them neatly on the colorful sheets with beautiful pics.
 - a) When did it come in existence?

- b) Write about flora and fauna of Andaman & Nicobar Island
 - c) Traditional art and craft and climate change.
 - d) Dance forms and aquatic and land animals
 - e) Languages and religions
7. Imagine you are the frog. You are extremely happy to become again the unrivalled king of the bog. Write a letter to one of your friends sharing with him your tale of success.
8. The railway station is a bustling place. Write the factual description of the scene you witnessed at the railway station with minute observation.

33. ਪ੍ਰਦੂਸ਼ਣ ਘਟਾਉਣ ਲਈ ਐਮ. ਸੀ. ਡੀ ਵਿਭਾਗ ਨੂੰ ਪੱਤਰ
34. ਖਰਾਬ ਸੜਕਾਂ ਲਈ ਐਮ. ਸੀ. ਡੀ ਵਿਭਾਗ ਨੂੰ ਪੱਤਰ
35. ਖਰਾਬ ਲਾਇਟਾਂ ਲਈ ਐਮ. ਸੀ. ਡੀ ਵਿਭਾਗ ਨੂੰ ਪੱਤਰ
36. ਮੰਗਤਿਆਂ ਦੀ ਸਮੱਸਿਆਵਾਂ ਲਈ ਐਮ. ਸੀ. ਡੀ ਨੂੰ ਪੱਤਰ
37. ਸੜਕਾਂ ਉੱਤੇ ਫੈਲੀ ਗੰਦਗੀ ਲਈ ਐਮ. ਸੀ. ਡੀ ਵਿਭਾਗ ਨੂੰ ਪੱਤਰ

<p>NCERT Textbook Theme: Life processes</p> <p>Link 1: <ul style="list-style-type: none"> • https://www.mayoclinic.org/diseases-conditions/high-blood-pressure/symptoms-causes/syc-20373410 </p> <p>Link 2 https://www.medicalnewstoday.com/articles/324409 </p> <p>Link 3 https://www.hopkinsmedicine.org/health/conditions-and-diseases/vital-signs-body-temperature-pulse-rate-respiration-rate-blood-pressure </p> <p>Link 4 https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/diy-cloth-face-coverings.html </p> <p>Link 5 https://www.youtube.com/watch?v=bB_Pk0Wr1Zg&t=130s </p> <p>Link 6 https://www.youtube.com/watch?v=36WwOX1yFqQ&feature=youtu.be </p>	<p>WEEK 1</p> <ul style="list-style-type: none"> • If there is a BP instrument in your house, measure BP of your family members. Find out from authentic sources in the internet what the normal blood pressure is. • After reading Link 1 and Link 3, try to answer the following: <ol style="list-style-type: none"> 1. What is hypertension? 2. What are its symptoms? 3. Why BP need to be controlled? <p>WEEK 2</p> <ul style="list-style-type: none"> • Count your breathing rate (breath per minute) after getting up in the morning, at rest and after running/ exercise. Find out from authentic sources in the internet what its normal values are. • Make a mask taking the help of Link 4 using clean cloth which you can wear while stepping out of home. <p>WEEK 3</p> <ul style="list-style-type: none"> • Go through VIDEOS in Link 5 and 6 and collect the information about COVID 19. • Search other resources for information on COVID 19 regarding its spread and precautionary measure to be taken
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	<ul style="list-style-type: none"> • Using the above information make your own poster about the precautionary measures to be taken in order to avoid the spread of COVID-19 and share the picture of the poster with your friends, relatives, etc. • What changes in your lifestyle have you made to avoid contracting various diseases?
<p>Link 7 https://www.britannica.com/science/ozone-depletion</p>	<ul style="list-style-type: none"> • Make a list on a chart paper/sheet of paper and share a picture of it with your classmates. <p>WEEK 4</p> <p>Collect data and information from various sources about the positive effect of lockdown on environment.</p> <p>Collect waste material from your homes. This could include all the waste generated during a day, like kitchen waste (spoilt food, vegetable peels, used tea leaves, milk packets and empty cartons), waste paper, empty medicine bottles/strips/bubble packs, old and torn clothes and broken footwear. Bury this material in a pit in the school garden or if there is no space available, you can collect the material in an old bucket/ flower pot and cover with at least 15 cm of soil.</p> <p>Keep this material moist and observe at 15-day intervals.</p> <ol style="list-style-type: none"> 1. What are the materials that remain unchanged over long periods of time? 2. What are the materials which change their form and structure over time? 3. Of these materials that are changed, which ones change the fastest? <p>WEEK 5</p> <p>Find out from the internet or newspaper reports, which chemicals are responsible for the depletion of the ozone layer.</p> <p>With the help of Link 7 and Link 8 do the following:</p>

<p>Link 8</p> <p>https://www.nationalgeographic.com/environment/global-warming/ozone-depletion/</p>	<p>Find out if the regulations put in place to control the emission of these chemicals have succeeded in reducing the damage to the ozone layer.</p> <p>Has the size of the hole in the ozone layer changed in recent years?</p>
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GRADE X

Holiday Home work

MATHEMATICS

Revise the covered syllabus for unit test and make a beautiful chart or cutouts for Maths lab,

1. Mathematics is all around us, it is everywhere around us. Not only does it underline every process and pattern that occurs in the world around us, but also, a good understanding of it helps us enormously in our every-day life.

Any number that can be found in the real world is a real number. It can be rational or an irrational in nature. Rational numbers are used for representing fractions, counting numbers, integers and so on. Irrational numbers can be found in square root of a number or hidden in any circular surface as Pi or as a golden ratio in all objects around us.

Nature has abundance of such numbers which use Golden ratio or Fibonacci series or Euler's number 'e'. Summer break is a good time for us to educate ourselves beyond books. We want you to explore more on these irrationals numbers which are all around us, besides Pi.

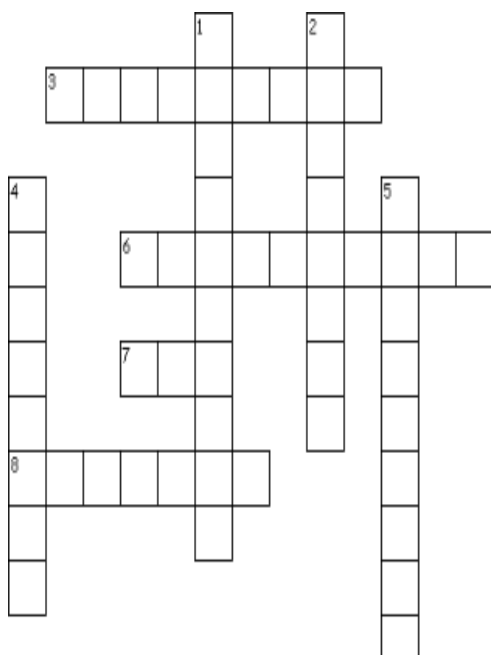
Use your creativity to pen down the information about irrational numbers on an A4 sheet.

2. Solve the given crossword and design a one on your own using the Mathematical concept that you have learnt till date.

Across

3. rational numbers have only two choices- either they are terminating or non-terminating

6. The First person to discover the numbers which were not rational 7. The number $(\sqrt{3} - 1)(\sqrt{3} + 1)$ is



8. Counting Number are called_____

Down

1. Non-terminating non recurring decimal expression
2. The set of positive and negative number is
4. Number of the form p/q
5. Who was the first to compute digits in the decimal expansion of π (Greek genius)

HOLIDAYS HOMEWORK CHEMISTRY 2023-24

CLASS 10TH CHEMISTRY

TEACHER: MS MANDEEP KAUR

ACTIVITY 1 CHAPTER -1 CHEMICAL REACTIONS AND EQUATIONS • Open the given link https://www.youtube.com/watch?v=_AiYmM1OTJI&feature=youtu.be	Watch the video carefully, you can see many reactions taking place in the video. translate any 5 reaction into chemical equation and then balance it. Do role play of any one reaction involving your family members and take picture of your activity .
ACTIVITY 2 TOPIC : Formation of H₂ gas • Open the given link https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5b1e12bf16b51c01dc2f95c3	<ul style="list-style-type: none">• Name the gas evolved in the activity• How will you test the gas evolved ?• Identify and note at least 5 chemical reactions taking place in your home/ kitchen, write their importance in your daily life
Activity -3 Topic rusting of iron Observe video	Perform activities 1,2,3 shown in link ,click pictures , show and write your observations.

https://www.youtube.com/watch?v=jQoE_9x37mQ	
Activity 4: http://ncert.nic.in/ncerts/l/jeep101.pdf	Open the given link and solve the MCQs in your note book.
Activity 5: • Open the given link https://www.youtube.com/watch?v=r3hirzlWILM	After watching video Fill in the blanks : <ul style="list-style-type: none"> • Plants require a specific for healthy growth. • If the soil is too acidic its pH can be raised by adding which the excess acid in soil • To treat hyper acidity patient should take • When a honey bee sting then a person should apply
Watch the videos of chapter -1 and chapter 2 in the given links and write the headings of topics observed Chapter-1- https://www.youtube.com/watch?v=tV0bxq3Dz88&t=651s CHAPTER -2 https://www.youtube.com/watch?v=RwHYLUoO-qs	
Do all practical in Practical file(One side line ,one side plain file) from google classroom.	Link of google classroom : https://classroom.google.com/c/NjAyOTA4Mzk5MjYy?cjc=e2vmms4
Search new themes / hand on activities /models for Different science FROM Arvind Gupta toys ,Think tac	Search for new models /ideas on given or more websites / new discoveries of science in

<p>sites and bring rough sketch of your idea</p> <p>https://www.arvindguptatoys.com/toys.html</p> <p>https://www.thinktac.com/</p>	<p>the field of technology, agriculture ,Health and hygiene ,communication, save environment, best use of waste etc . get it approved for zonal level competitions from your teachers</p>
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HOLIDAY HOMEWORK 2023-24 CLASS : X

SUBJECT : SOCIAL SCIENCE

ACTIVITY 1.

PREPARE A PROJECT FILE WITH FOLLOWING DETAILS:

1. The total length of the project report should not be more than 15 written pages of A-4 size sheet.
2. The project report should be handwritten and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.
3. The project report should be presented in a neatly bound simple folder.
4. The project report should be developed and presented in this order
 - a) Cover page showing project title, student information, school and year.
 - b) List of contents with page numbers.
 - c) Certificate page
 - d) Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).
 - e) Chapters with relevant headings.
 - f) Summary and conclusions based on findings.
 - g) Bibliography: should have the Title, author, publisher and if a website the name of the website with the specific website link which has been used.

MARKS DISTRIBUTION

Total Marks will be allocated over the different aspects of the Project Work in the following manner: -

S.NO.	ASPECTS	(MARKS)
1	Content accuracy and originality	1
2	Presentation and creativity	1
3	Process of Project Completion: Initiative-operation, participation and punctuality	1
4	Viva or written test for content assimilation	2
5	Total Marks	5

Every student has to compulsorily undertake any one project on the following topics:

1. Consumer Awareness

The students must write about following key matter:

- Enactment of COPRA 1986 and its benefits
- Various Consumer Rights
- Role of WTO in protection of Consumers

OR

2. Social Issues

The students must write about following key matter:

- Social issues in Indian Society
- Reforms initiated to combat the social issues
- Role of Popular leaders and movements.

OR

3. Sustainable Development

The students must write about following key matter:

- Need of development.
- Importance of development
- Policies initiated to adopt measures for Sustainable Growth.

ACTIVITY 2.

Prepare a **PowerPoint presentation** on how media helped to create awareness regarding **COVID-19** to the people within country and to the world.

ACTIVITY 3.

Prepare Atlas for history and geography

ACTIVITY 4.

Prepare multimedia presentation on the life of Mahatma Gandhi.

ACTIVITY 5.

MOTHER EARTH needs to be saved from the inevitable destruction. The ways by which this can be achieved is by using alternative sources of energy that have a sustainable future. Prepare poster on the 'SAVE THE EARTH-PLAN FOR THE FUTURE' and write slogans with strong message on the poster.

Holiday homework

Physics

Class 10

1. Do all the intext, examples and exercise questions of chapter

a) Light (reflection and refraction)

b) Human eye and colourful world of Ncert text book in your holiday homework copy.

2. Make a model on the concept of light

(Eg Total internal reflection, myopia, hypermetropia, dispersion or anything based on concept of light)

You can take help from utube for making a model

Holiday's Homework

Subject Divinity

Class 10th

1) Learn question answers of Chapter 1

2) Recite Japuji Sahib Path daily.

3) Make a family tree of 10 Gurus.

Link-https://www.sikhiwiki.org/index.php/Guru_family_tree

4) Make Logo G-20 and write slogan ਇਕ ਧਰਤੀ, ਇਕ ਪਰਿਵਾਰ, ਇਕ ਭਵਿੱਖ

5) Learn Ardas

Holiday Home work

Subject : Computer

Session : (2023-24)

Class : X (Comp.)

Read chapter-1 (Cyber Ethics) and make 30 Multiple choice questions from the chapter.

Note down all the questions in computer register.

HOLIDAYS ASSIGNMENT (PHYSICAL ACTIVITY TRAINER)

CLASS 10th (2023-24)

- Practical file topics
 - Olympics
 - Surya Namaskar (Pics with names)
 - Pet game figure
 - Khelo India tests and registration number
 - Calculate BMI
 - Details of participation in sports, post covid
 - 2 mins video while performing exercise.
 - A3 Chart - Topic Yoga Asanas

NOTE: Submission by first week of July

