

GURU HARKRISHAN PUBLIC SCHOOL

KAROL BAGH

CLASS IX (2023-24)

HOLIDAY HOME WORK

ENGLISH

1. Read Ch-2 A Dog named Duke from your Literature Text-book. Write 1 diary entry based on any one important incident from the chapter.
2. Write two Biographies of Any One Poet and Any One Writer of your choice given in your Text-Book.
3. Complete all the exercises of Unit 1 (Verb Forms), Unit 3(Future Time Reference) from the 'English Workbook'.
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
5. With respect to the initiation of the program "Ek Bharat Shrestha Bharat" by the government of India; Collect the following information about Andaman & Nicobar Islands and make a project about:
 - a) When did it come in existence?
 - b) Flora and fauna of Andaman & Nicobar Islands.
 - c) Traditional art, craft and climate change.
 - d) Dance forms and aquatic and land animals.
 - e) Food: - Normal diet and festival meals.

Also, show your creativity by pasting relevant pictures.

6. Watch English news daily to equip yourself with the information and facts to be used in as content in writing skills.

SUBJECT-HINDI

ग्रीष्मावकाश गृह कार्य (2023-2024)

प्रश्न-1 G-20 पर विज्ञापन बनाएं।

प्रश्न-2 दिल्ली का बदलता चेहरा विषय पर अनुच्छेद लिखिए।

प्रश्न 3-पर्यावरण सुरक्षा विषय पर एक सुंदर नारा ए -4 शीट पर लिखिए।

प्रश्न 4-इको क्लब क्या है इको क्लब के उद्देश्य है कार्य पद्धति के बारे में लिखिए।

प्रश्न 5-कक्षा में पढ़ाई गए पाठों की पुनरावृत्ति कीजिए।

SUBJECT-MATHS

1. Maths With Geoboard

What to do: To prepare a Geoboard.

How to do:

A. (Even Roll No.): Square Geoboard

- On a square wooden board of 8"X 8".

- Make marks on every inch on all sides.

- Fix nails with small heads using a hammer on every point (7 X 7=49 nails.)

B. (Odd Roll No): Circular Geoboard

- Take a square wooden board of 8"x8".

- Take a centre and draw a circle of suitable radius on the board.

- Fix nails with small heads using a hammer on the centre and 12 nails on the circumference at equal distance (Eg:- like No. on a clock)

2. Coordinate geometry Art

What to do: Draw a design /object/creature.

How to do:

- Take a graph paper and draw two perpendicular lines to obtain four quadrants.
- Draw any one design /object/creature of your choice using straight lines only to cover all quadrants
- Write the coordinates of each point of intersection of line segments.
- Colour the art work obtained.

Where to do: Paste the graph paper on an A-4 size sheet.

Note: All A-4 size sheets should be submitted in one folder.

3. Do all questions given in N.C.E.R.T. book and extra questions from the assignment provided for the chapters taught in the class.

4. Complete practical file.

5. Make a beautiful chart from any topic of your choice pertaining to your syllabus.

SUBJECT-SCIENCE

PHYSICS

DO THIS ASSIGNMENT IN PHYSICS NOTEBOOK :-

1. An athlete completes one round of a circular track of diameter 200 m in 40 s. What will be the distance covered and the displacement at the end of 2 minutes 20 s?
2. Joseph jogs from one end A to the other end B of a straight 300 m road in 2 minutes 30 seconds and then turns around and jogs 100 m back to point C in another 1 minute. What are Joseph's average speeds and velocities in jogging (a) from A to B and (b) from A to C?

3. Abdul, while driving to school, computes the average speed for his trip to be 20 km h⁻¹. On his return trip along the same route, there is less traffic and the average speed is 30 km h⁻¹.
 1. What is the average speed for Abdul's trip?
4. A motorboat starting from rest on a lake accelerates in a straight line at a constant rate of 3.0 m s⁻² for 8.0 s. How far does the boat travel during this time?
5. A driver of a car travelling at 52 km h⁻¹ applies the brakes. Shade the area on the graph that represents the distance travelled by the car during the period. (b) Which part of the graph represents uniform motion of the car?
6. Revise Notes done in class.

CHEMISTRY

Revise ch-1 MATTER IN OUR SURROUNDINGS and do the following questions in your Chemistry Register

1. Convert the following temperatures to the Celsius scale. (a) 293 K (b) 470 K
2. Convert the following temperatures to the kelvin scale. (a) 25 °C (b) 373°C
3. Give reason for the following observations. (a) Naphthalene balls disappear with time without leaving any solid. (b) We can get the smell of perfume sitting several metres away.
4. Arrange the following substances in increasing order of forces of attraction between the particles— water, sugar, oxygen.
5. What is the physical state of water at— (a) 25 °C (b) 0 °C (c) 100 °C
6. Give two reasons to justify— (a) water at room temperature is a liquid. (b) an iron almirah is a solid at room temperature.
7. Why is ice at 273 K more effective in cooling than water at the same temperature?
temperature?
8. What produces more severe burns, boiling water or steam?

PROJECT

Search new themes / hand on activities /models for Different science FROM Arvind Gupta toys ,Think tac etc sites and make one model related to your syllabus.

<https://www.arvindguptatoys.com/toys.html>

<https://www.thinktac.com/>

BIOLOGY

A. Do the following experiment in your biology practical file

(Please make file as showed during Lab period i.e. RULAR SHEET ON LEFT SIDE AND DRAWING SHEET ON RIGHT SIDE)

Preparation of stained temporary mounts of

(a) Onion peel (b) human cheek cells and to record observations and draw their labelled diagram.

B. Do the following questions in your Biology Register :-

1. Difference between Plant and animal cells.
2. Draw a well labelled diagram of the plant cell and animal cell.
3. How is a prokaryotic cell different from a eukaryotic cell?
4. Carry out the following osmosis experiment: Take four peeled potato halves and scoops each one out to make potato cups. One of these potato cups should be made from a boiled potato. Put each potato cup in a trough containing water. Now,
 - (a) Keep cup A empty
 - (b) Put one teaspoon sugar in cup B
 - (c) Put one teaspoon salt in cup C
 - (d) Put one teaspoon sugar in the boiled potato cup D.Keep these for two hours. Then observe the four potato cups and answer the following:
 - (i) Explain why water gathers in the hollowed portion of B and C.
 - (ii) Why is potato A necessary for this experiment?
 - (iii) Explain why water does not gather in the hollowed out portions of A and D.
5. With respect to the initiation of the program “Ek Bharat Shrestha Bharat” by the government of India; Make a Science report on **Compare climate, culture, endemic species ,minerals etc between Delhi, Lakshadweep and Andaman and Nicobar Island.**

SUBJECT-SOCIAL SCIENCE

- **Learn the all chapters that we have in Social science**

The program introduced by the government of India ‘Ek Bharat Shreshtha Bharat’, aims at enhancing interaction between people of different states and union territories through pairing states and union territories. The mission is to celebrate Unity in Diversity. With respect to the same, make a **Project** that explains:-

- a) What is the program “Ek Bharat Shreshtha Bharat' about?
- b) Write about the lifestyle of the natives, the population, geographical area, famous places, cuisine, flora and fauna and their culture.
- c) Gather information about the history of Andaman and Nicobar Islands during the British and Danish colonial period.

- **Make a CBSE Project on DISASTER MANAGEMENT**

LIST OF MAPS (DO IN SOCIAL SCIENCE NOTEBOOK)

Geography

(i) India: size & location • India-States with Capitals, • Tropic of Cancer, Standard Meridian (Location and Labelling) • Neighbouring countries

(ii) India physical features • Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats • Mountain Peaks – K2, Kanchan Junga, Anai Mudi • Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau • Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar (Location and Labelling)

(iii) Drainage system Rivers: (Identification only) • The Himalayan River Systems-The Indus, The Ganges, and The Sutlej • The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi • Lakes: Wular, Pulicat, Sambhar, Chilika

WORKSHEET (DO IN NOTEBOOK)

Q 1 Why do the days and nights are almost of equal duration at Kanniyakumari?

Q 2 Why Is the knowledge of latitude and longitude important for people?

Q 3 What does 'one person, one vote, one value' mean? Name the countries who deny the equal right to vote

Q 4 Write the importance of Napoleon Bonaparte in the History of France and the world.

Q 5 What was subsistence crisis? Mention two factors responsible for this crisis?

SUBJECT-DIVINITY

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](https://www.sikhiwiki.org/index.php/Guru_family_tree)

4) Make Logo G-20 and write slogan □□ □□□□ , □□ □□□□□□, □□ □□□□□□

5) Learn Ardas

ART EDUCATION

1. * Make a beautiful, colourful and creative Poster on the theme. SAVE WATER, CONTROL POLLUTION with oil pastel colour or painting colour.

Link attached for reference ...

<https://youtu.be/OXDVjwp17GU>

2. * Make a colourful & creative Poster on theme

NOISE POLLUTION

with colour of your choice

For reference link attached

<https://youtu.be/dG49HqTQRdE>

3. * Flowers with satin ribbon or pastel sheets or coloured paper

You will love to make them . Link attached for reference

<https://youtu.be/TazgTv81HFI>

4. * Make any one beautiful and colourful poster on the theme & show your creativity .

CLEAN INDIA / HEALTHY INDIA / EAT HEALTHY, STAY FIT / EXERCISE
REGULARLY, STAY HEALTHY

Link attached for reference

https://youtu.be/sMTjJ_JRxAo

5. *Make a beautiful paper craft to celebrate world environment day June 5....Link attached

<https://youtu.be/BWJPPURTUjY>

The given work to be done in art file or drawing sheets

Enhance the beauty of your drawing with attractive border & bring after summer break.

SUBJECT-COMPUTER

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

Note down all the questions in computer register.

SUBJECT-IT

Make a poster on 7 C's of Effective Communication (in A4 size sheet)

(PHYSICAL ACTIVITY TRAINER)

- 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 Road safety

NOTE: Submission by first week of July

ਗੁਰੂ ਹਰਿਕ੍ਰਿਸ਼ਨ ਪਬਲਿਕ ਸਕੂਲ - ਕਰੋਲ ਬਾਗ਼

ਵਿਸ਼ਾ - ਪੰਜਾਬੀ ਜਮਾਤ - ਨੌਵੀਂ (2023-24)

HOLIDAY HOMEWORK

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ਛੁੱਟੀਆਂ ਦਾ ਸਾਰਾ ਕੰਮ ਏ -4 ਸ਼ੀਟ ਉੱਤੇ ਕਰੋ ਅਤੇ ਇੱਕ ਸੁੰਦਰ ਫੋਲਡਰ ਤਿਆਰ ਕਰ ਕੇ ਸ਼ੀਟਾਂ ਉਸ ਵਿੱਚ ਲਗਾਓ :

ਪ੍ਰਸ਼ਨ: ਦੱਸ ਮੁਹਾਵਰੇ ਓ ਤੋਂ ਹ ਤੱਕ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ: 10 ਵਾਕ ਸੁੱਧੀ ਅਤੇ ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ: ਹੇਠ ਲਿਖੇ ਆਮ ਵਾਕਫੀਅਤ ਅਤੇ ਮਹਾਨ ਸਖਸ਼ੀਅਤ ਬਾਰੇ ਲਿਖੋ:-

1. ਸਾਮਾਜ ਵਿੱਚ ਬਜ਼ੁਰਗਾਂ ਦਾ ਮਹੱਤਵ
2. ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਸਾਹਿਬ ਜੀ
3. ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ

ਪ੍ਰਸ਼ਨ: ਕੋਈ ਵੀ ਪੰਜ ਬੇਨਤੀ ਪੱਤਰ ਲਿਖੋ ਅਤੇ ਕੋਈ ਵੀ ਪੰਜ ਨਿਜੀ ਪੱਤਰ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ: ਕੋਈ ਵੀ ਪੰਜ ਇਸ਼ਤਿਹਾਰ ਬਣਾਓ।

ਪ੍ਰਸ਼ਨ: ਕੋਈ ਵੀ ਪੰਜ ਚਿੱਤਰ ਚਿਪਕਾਓ ਅਤੇ ਉਸ ਬਾਰੇ 10 ਲਾਈਨਾਂ ਲਿਖੋ।

ਪ੍ਰੋਜੈਕਟ : ਤਸਵੀਰ ਦੇ ਅਧਾਰ ਤੇ ਕੋਈ ਵੀ 5 ਵਿਗਿਆਪਨ ਬਣਾਓ।

ਪ੍ਰਸ਼ਨ: G-20 ਦੇ ਵਿਸ਼ੇ ਉੱਤੇ ਸਲੋਗਨ ਬਣਾਓ ਅਤੇ ਉਸਦਾ ਚਿੱਤਰ ਚਿਪਕਾਓ।

ਪ੍ਰਸ਼ਨ: ਹਰ ਰੋਜ਼ ਪੰਜਾਬੀ ਦੀ ਪਾਠ-ਪੁਸਤਕ ਵਿੱਚੋਂ ਸੁਲੇਖ ਲਿਖੋ।