



The Punjab Public School Nabha
Holiday Home Work
June-July, 2024
Class VIII CAIE

ENGLISH

A) Write Any 10 emails of your own choice the way we have done in the class.

B) Book Review –

Make a PowerPoint presentation on Holiday Book test that you will be reading during the summer break.

Your presentation should include the following –

- Name of the book
- Author
- Story in a nutshell or what the book is about
- Your verdict on the book
- Will you recommend your friends to read the book? Give Reasons.

HINDI

नोट-सारा कार्य कक्षा-कार्य नोटबुक में ही किया जाए एवं कार्य साफ सुथरा लिखे । लाइन छोड़ कर लिखे एवं कार्य पूरा करें।

1 संज्ञा, सर्वनाम, लिंग, वचन, विशेषण, क्रिया विशेषण की परिभाषा उदाहरण सहित लिखें।

2 अपनी समझ से कोई एक कविता अपनी उत्तर पुस्तिका में लिखें।

3 निबंध लेखन- कबीर, मुंशी प्रेमचंद ।

4 यात्रावृत्तांत -गर्मी की छुट्टियों में आपके द्वारा की गई यात्रा का एक से 150 से 200 शब्दों में विवरण दीजिए ।

5 नीचे दिए गए चित्रों को आधार बनाकर 50 से 100 शब्दों में वर्णन करें।



6 दस सुंदर लेख लिखो ।

COMPUTER

1. Learn to play SUDOKU (6*6, 9*9). Solve some sudokus in your fair notebook.
2. Learn 2 more logical games to play and explain the steps to play them in your fair notebook.
3. What is Artificial Intelligence (AI)?
4. AI use in Education, Health care.
5. Make a PowerPoint presentation on IOT.
6. What is augmented reality & virtual reality?
7. What is Cloud computing & how does it work?
8. What is NLP explain with example?
9. Difference between Blog and Vlog.
10. What are the different types of VPN?
11. Difference between AI & human intelligence

12. Difference between ipv4 and ipv6 with examples.
13. What is the MAC address and how is it related to NIC?
14. What is the firewall?
15. Differentiate the MAC address with the IP address.
16. What is E-commerce & types of E-commerce?

GEOGRAPHY

Prepare a Project File

1. On an outline map of world mark and label the following:

***Use three maps**

- i.** BRICS Countries (Yellow colour)
- ii.**
 - a) Two countries with highest HDI ranking. (Green colour)
 - b) Two countries with lowest HDI ranking. (Red colour)
 - c) Two countries with lowest GNI per capita. (Pink colour)
 - d) A country where SDGs is implemented. (Light green colour)
 - e) Twelfth poorest country of the world. (Light blue colour)
- iii.**
 - a) Top bilateral aid recipient country of UK. (Dark blue colour)
 - b) A country persistently experiencing flooding. (Orange colour)
 - c) Two war-torn countries. (Purple colour)
 - d) Two landlocked countries. (Brown)

2. One of the 17 United Nations Sustainable Development Goals is 'Climate Action'. List a few of the targets of this goal. Mention any noteworthy work done in any part of the world to achieve the target.

3. Make a poster or a cartoon or write a catchy slogan about spreading literacy among people.

4. Solve the Unit Test question paper in Geography register.

BIOLOGY

Use a scrap book-

Describe what an Asteroid is, and where asteroids are found. Outline three different ways in which the asteroid collision 67 million years ago would have made it difficult for plants and animals to survive.

2. Use a scrap book or make a poster on Carbon Cycle- Also state the following in it.

- a. Which activities increase the quantity of carbon dioxide in the atmosphere?
- b. Which activities decrease the quantity of carbon dioxide in the atmosphere?

c. What we can do to help to slow climate change. Write a list.

3. Use a scrap book or make a poster or power point presentation on “Extinction of the Dinosaurs”.

Issues to research-

a. Asteroid impact killed the dinosaurs? Theory and evidences.

b. Other events that must have contributed to their extinction.

c. Are their animals similar to dinosaurs? What are they, and why do biologists think this?

email it to dilpreet.shergill@gmail.com.

SCIENCE



Class 8th Cambridge (Physics/Chemistry)

Research on the following topics

Chemistry

1. Simple and Giant structures
2. Chemical Bonding
3. Rate of chemical reactions

Physics (Choose any two topics)

1. Way of transferring Energy
2. Series and parallel Circuits
3. Interference of sound
4. Electromagnets and its application

Prepare a power point presentation or report on the topic researched and email it to waytoraj0009@gmail.com.

Prepare notes of the following chapters in separate notebook

Rate of chemical reactions

Electric circuit

GLOBAL PERSPECTIVE

- Solve the Unit Test Question Paper in Fair GP Notebook.

Use a scrap book-

1. You are required to enlist any 20 good Food habits emphasizing on good health and hygiene.
2. Write a report on Conflict –resolutions in the World .Keeping in view latest happenings in the World leading to World War situation.

PUNJABI

ਨੋਟ :-ਲਿਖਾਈ ਸਾਫ਼ ਅਤੇ ਸੁੰਦਰ ਕਰੋ।

1. ਵਿਦਿਆਰਥੀ 15 ਪੰਨੇ ਸੁੰਦਰ ਲਿਖਾਈ ਦੇ ਕਰਨਗੇ।
2. ਤੁਸੀਂ ਆਪਣੀਆਂ ਛੁੱਟੀਆਂ ਕਿਵੇਂ ਬਿਤਾਈਆਂ? 350 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।
3. ਆਪਣੀ ਵਿਆਕਰਨ ਪੁਸਤਕ ਵਿੱਚੋਂ ਕੋਈ 50 ਮੁਹਾਵਰੇ ਲਿਖੋ।
4. ਆਪਣੇ ਘਰ ਦੇ ਕਿਸੇ ਵੱਡੇ ਤੋਂ ਕੋਈ ਇੱਕ ਮੌਲਿਕ ਕਹਾਣੀ ਸੁਣੋ ਅਤੇ ਉਸਨੂੰ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।
5. ਆਪਣੀ ਪਸੰਦ ਦੇ ਕੋਈ ਦੋ ਵਿਸ਼ਿਆਂ ਉੱਪਰ ਲੇਖ ਲਿਖੋ।
6. ਵਿਦਿਆਰਥੀ (UNIT TEST) ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਨੂੰ ਲਿਖਤੀ ਰੂਪ ਵਿੱਚ ਹੱਲ ਕਰਨਗੇ।

ਛੁੱਟੀਆਂ ਦੇ ਕੰਮ ਲਈ ਵਿਦਿਆਰਥੀ ਨਵੀਂ ਕਾਪੀ ਦੀ ਵਰਤੋਂ ਕਰਨਗੇ।

HISTORY

Overview

This homework assignment aims to help students gain a deeper understanding of the First and Second World Wars. The tasks are designed to enhance research skills, critical thinking, and historical comprehension.

Task 1: Timeline Creation

Objective: Develop a chronological understanding of key events.

Instructions:

Create a timeline for each war.

Include at least 10 significant events for each timeline.

Provide a brief description (2-3 sentences) for each event.

Resources:

History textbooks

Online educational resources (BBC History, History.com)

Task 2: Comparative Essay

Objective: Compare and contrast the causes and consequences of the two world wars.

Instructions:

Write an essay (500-700 words) comparing the causes of the First and Second World Wars.

Discuss at least three similarities and three differences.

Conclude with the impact of each war on the world.

MATHEMATICS

Please solve the following questions from your course book. All the questions need to be solved on a separate note book. In case there are more than 3 parts of a question, please solve first 3 parts only.

Exercise	Question numbers
1.1	1 to 5
1.2	1 to 8
1.3	1 to 10
2.1	1 to 6
2.2	1 to 5
2.3	1 to 7
2.4	1 to 6
2.5	1 to 4
2.6	1 to 5

Puzzle 1

Puzzle 1

Fill in the blank space of the following magic square so that the sum of the numbers in each row, each column and each of the diagonals is - 6.

(i)

-1		
3	- 2	
	5	

(ii) In this magic square, sum of the numbers in every row, column and each of the diagonals is - 2. Fill in the blank:

7		- 6	
		1	
0	- 2		
- 5		6	- 8

Puzzle 2

Complete the number grids by following the direction of arrows.

The grid consists of 6 rows and 6 columns of boxes. The top-left box contains the number 10. Arrows and operations connect the boxes as follows:

- Row 1: 10 $\xrightarrow{+5}$ \square $\xrightarrow{+}$ \square $\xrightarrow{+8}$ \square $\xrightarrow{\times 6}$ \square $\xrightarrow{\div 1}$ \square
- Row 2: \square $\xleftarrow{+13}$ \square $\xrightarrow{\times 3}$ \square $\xrightarrow{+2}$ \square $\xrightarrow{-}$ \square $\xrightarrow{+}$ \square
- Row 3: \square $\xleftarrow{-1}$ \square $\xleftarrow{+}$ \square $\xrightarrow{-}$ \square $\xrightarrow{-}$ \square $\xrightarrow{\times 12}$ \square
- Row 4: \square $\xrightarrow{\times 2}$ \square $\xrightarrow{-6}$ \square $\xrightarrow{-}$ \square $\xrightarrow{+}$ \square $\xleftarrow{\times 3}$ \square
- Row 5: \square $\xrightarrow{+7}$ \square $\xrightarrow{+9}$ \square $\xrightarrow{\times 10}$ \square $\xrightarrow{+4}$ \square
- Row 6: \square $\xrightarrow{\times 2}$ \square $\xrightarrow{+(-3)}$ \square $\xrightarrow{-9}$ \square $\xrightarrow{+}$ \square

Additional operations shown between rows and columns include: $\times 20$, $\div (-3)$, $\div (-45)$, $\div 8$, $\div 9$, $\div 4$, $\div 15$, $\div 9$, $\div 3$, $\div 10$, $\div 9$, $\div 4$, $\div 3$, $\div 100$, $\div (-8)$, $\div (-21)$.

Note: Completion of Holiday home work carries substantial weightage for internal assessment.