


Holiday Homework (2026-27)

Class 9


English

Holiday Homework – English (Class IX)

Research Project

 Lesson: The World of Limitless Possibilities

Topic: Success Beyond Challenges

 Prepare a project file based on research and survey work.

 Research Questions


1 Define limitless possibilities in 40 words.

2 Research any two achievers who overcame difficulties (e.g. Helen Keller, Stephen Hawking). Write:

Biography

Challenge


Achievement

 Survey 5 people:

1 What leads to success most—hard work, talent, confidence, or discipline?

2 Present survey result in a table / graph.

 Presentation

 make a file folder

 Use charts / pictures

 Neat handwriting

✓ Mention Name, Class & Section

Hindi

"अनुच्छेद बैंक"

4 महत्वपूर्ण विषयों पर **120-150** शब्दों में अनुच्छेद लिखो:

1. डिजिटल इंडिया और मैं: ऑनलाइन पढ़ाई, **UPI**, फायदे-नुकसान
2. मेरा प्रिय खेल: क्यों पसंद है, क्या सीख मिलती है
3. पर्यावरण बचाओ: प्लास्टिक, वृक्षारोपण, जल संरक्षण
4. मोबाइल - वरदान या अभिशाप: **2** पहलू लिखो

A-4 size Page

Urdu

Prepare a project on what role students should play in building a good society in the context of the current situation (with pictures).

(Containing at least 500 words)

Front page

And other page A4 size

اس، چاہیے کرنا ادا کردار کیا کو طلبہ میں تعمیر کی معاشرے اچھے ایک میں تناظر کے حالات موجودہ (ساتھ کے تصاویر) کریں تیار پروجیکٹ ایک پر موضوع

Sanskrit

ग्रीष्मावकाशस्य परियोजना कार्यम्

निम्नलिखित विषयों में से किसी एक विषय पर परियोजना फाइल तैयार कीजिए।

* प्राचीन भारत की शिक्षा

प्रणाली।

* योग एवं संस्कृति का

संबंध।

Arabic

General Instructions:

1. The work must be done neatly on two coloured A4 size sheets.
2. Marks will be awarded for content, grammar, presentation, and timely submission.
3. Submit the completed homework on the first day after the holidays.

Task: المقال – Essay Writing

اكتب مقالة عربية على عنوان أهمية اللغة العربية أكثر من مائة كلمة و بين فوائدها ومنافعها

والصق الصور المتعلقة بها

Instructions:

1. Write the heading "أهمية اللغة العربية" clearly at the top of the A4 sheet.
2. The essay must contain more than 100 words in Arabic.
3. Explain the importance of the Arabic language and mention its benefits and advantages.

4. Paste 2-3 relevant pictures. Examples: صورة القرآن الكريم، خريطة العلم العربي

الخط العربي، طلاب يدرسون اللغة العربية

Task 2: Grammar – القواعد

A. Write complete *Gardaana of Fe‘l Māḍī and Fe‘l Muḍāri‘* of the following verbs with translation and Ṣīgha in your Arabic notebook:

كُتِبَ، قَرَأَ، ذَهَبَ، جَلَسَ، فَتَحَ

French

French Holiday Homework:

1. Imprimez la fiche d'exercices fournie et résolvez-la.
2. Réalisez une présentation PowerPoint sur les systèmes éducatifs de la France et de l'Inde, en établissant une comparaison entre les deux.

Vous devrez présenter ce travail en classe après les vacances.

Mathematics

Prepare a file including

page 1- History of Pie

Page 2- Derive the value of pie upto 10 decimal places through an activity using two circles of different radii

- 2 .Make a beautiful and creative picture using the concept of Square root Spiral
3. Prepare a mind map on Number System
4. Maths lab activities to be done in lab file. (pdf will be shared)
5. Solve the Excercise 3.2,3.3,3.4 and 3.5 from Ganit Manjari in Your Maths notebook.

Science (Physics, Chemistry, Biology)

Instructions and guidelines

- ◆ Make one scrapbook for Physics, Chemistry and Biology to be done section wise.
- ◆ Design the first page as a colourful cover page with your Name, Class - section, Roll no.and a passport size photograph.
- ◆ The work should be neat, clear and organised with proper diagrams.
- ◆ Assessment Criteria:

Creativity, presentation,

Accuracy and relevance of content and

Neatness.

PHYSICS :

Topic: Electromagnetic (EM) Radiations and Their Applications

* Arrange the following types of radiations in increasing order of their wavelengths: Gamma rays, Microwaves, Ultraviolet rays, X-rays, Visible light, Radio waves, and Infrared.(Present the above in a creative way for example like beautiful flow charts and use pictures or diagrams wherever required.)

* Does the speed of EM radiation change when it moves from a vacuum into Earth's atmosphere? Explain briefly.

* Which layer of the atmosphere protects us from harmful Ultraviolet (UV) radiation? What might happen if this layer is depleted?

CHEMISTRY:

Topic: Global warming

Explain the given topic on the basis of the following headings- (Any 2 questions)

1. Explain the concept that "Cold water stores Carbon dioxide but warm water releases it," creating a dangerous loop for global warming.
2. Write a short note on Ocean Acidification the Silent Cousin of Global Warming.
3. How does the rate of Carbon Dioxide production through industrial combustion compare to its absorption through photosynthesis, and why is this 'Chemical Cycle' currently failing?"
4. Compare the rate of Global warming to the Albedo effect.

BIOLOGY-

_Topic: Biogeochemical Cycles

1. Draw full cycle diagrams of Water, Carbon , Nitrogen, Oxygen by hand
2. Write in 150-200 words: "How humans in Bhopal disturb this cycle + 1 change my family can make"

🌟 Make your work informative, imaginative, and uniquely yours! 🌟

SOCIAL SCIENCE

Study and Research of Ancient Mesopotamian, Ancient Chinese and Ancient Egyptian civilization, and compare them to Ancient Harappan Civilisation.

▲ Point of focus: -

1. Regional geographical Variations
2. Settlements
3. Emergence and growth of urban system
4. Trade development
5. Town planning
6. Emergence of Writing and city culture
7. Diversity of Food
8. Social political and religious structures
9. Role of Craft and trade in economic development
10. Tabular representation of comparative study of the Ancient Harappan Civilisation to Ancient Mesopotamian, Ancient Chinese and Ancient Egyptian civilization

📌 Instructions:

1. Make the project work on A-4 size sheets
2. Use A-4 size sheets (white/coloured)
3. Order - 📁 Cover page

📁 Acknowledgement

📁 Certificate

📁 Index

👉 Introduction

👉 Main Content (data, images etc)

👉 Research Work and Data sources

👉 Conclusion

👉 Bibliography

4. Extra-Edge - Use images etc to support your project, means to beautify the presentation of the project work

5. The project will be assessed on the following criterion - Exploration, Content, Presentation, Creativity

Artificial Intelligence

Create a poster for " Summer Camp" in A4 size using MS Word

Must have :

Suitable Title

At least 3 images

At least 5 course details

Dummy contact info

Apply all possible effort to make it professional looking with aesthetic **sens**