



ARMY PUBLIC SCHOOL AMBALA CANTT



WORK



SUMMER HOLIDAYS HOMEWORK CLASS IX (2024-25)

ENGLISH

*Read a book by an Indian author and write the book review including the theme, main character and brief summary (to be done in scrap file)

*EK BHARAT SHRESHTH BHARAT

Read about Telangana and paste pictures of any two of the following aspects of this state: (to be done in scrap file)
Traditional dresses/ cuisine/ festivals/ historical places

* Give the name of any book of your choice that you want to have in your school library

*Revise thoroughly PT-1 syllabus

हिंदी

परियोजना पुस्तिका (scrap file) पर किया जाने वाला कार्य :

क) अपने क्षेत्र के किसी अनाथालय/अंध-विद्यालय/वृद्ध आश्रम या पिछड़ी बस्तियों में जाकर उनकी स्थिति को समझने का प्रयास करें। उनके साथ बिताए समय अथवा अपने अनुभव को परियोजना पुस्तिका में लिखें। उनके साथ चित्र भी खिंचवाएं तथा उसे भी परियोजना पुस्तिका में लगाएँ।

ख) अमर चित्रकथा / पंचतंत्र की कहानियां पढ़ें तथा किसी एक कहानी का नाम लिखकर उसकी समीक्षा लिखें।

ग) ग्रीष्मावकाश में आप जहाँ घूमने जाएं उसका सचित्र वर्णन करें।

2. PT-1 का पाठ्यक्रम याद करें।

MATHS

Mathematics Holidays Homework _2024 Class_IX

1. Revise UT_1 syllabus & Examples of of Chapters_ 1,2,3,4

2. Write three Learning Outcomes of the following chapters in Maths lab Activity File. (i)Number System (ii) Polynomials (iii) Coordinate Geometry (iv) Linear Equation in two variables

3. Draft an article about Mathematics, which may include the work of atleast two Mathematicians. Write two important things you learned from the article. (At least onepage) minimum . Do above work in Maths Lab Manual .

4. Do Activity no.1 ,2 and 3 in your Maths Lab activity file.

5. *DO THE ASSIGNED PROJECT FOR EXHIBITION.* *** Holidays homework and activity file carries internal assessment marks also.

SCIENCE

1. Revise and learn the chapters covered before the summer vacation per syllabus for UT1.

2. Complete the practical file as per instructions of your science teacher.

3. Practice all the diagrams of chapter (CELL- THE FUNDAMENTAL UNIT OF LIFE) in this separate note book.

4. Art Integration project :- It is a compulsory CBSE activity.

Each student to design 2 PAPER-BAGS .

THEME/ DESIGN FOR PAPERBAGS/ GIFT BAGS:-

BAG 1- Scientific diagrams or scientific statements or drawing cartoons of the scientist or any science based slogans.

BAG 2 - The folk forms of Telangana and Haryana / food items of Telangana and Haryana, in Telangana and Haryana

It is an individual activity. The both the bags should be such that you can use it.

SOCIAL SCIENCE

1. Revise for PT 1. All chapters are for detailed study. Read the chapters thoroughly.
2. MANDATORY CBSE: **DISASTER MANAGEMENT PROJECT**
All students will prepare a **pocket-sized PICTONARY (Picture Dictionary)** of terms related to Disasters, preparedness for disasters and mitigation measures. Follow the given directions for making the Pictionary.
 - a. ROLL NO. **1 to 20**: Terms related to **Natural Disasters**
 - b. ROLL NO. **21 to the last Roll No.**: Terms related to **Human Induced Disasters**
 - c. Select any 15-20 terms and arrange them in an alphabetic order.
 - d. Paste/draw a picture of the term selected. Write the term and its definition on the adjacent page.
 - e. Students will cut the sheets of their Pictionary into creative shapes and decorate it appropriately.
 - f. Don't use project files or notebooks for the project. Pictionary has to be pocket sized.
 - g. The project should carry the Name, Class & Section, Admission No. of the Student along with an index of terms described in the Pictionary.
 - h. The project will be submitted to the subject teacher on 10th of July 2024.

संस्कृत

1. परियोजना पुस्तिका (scrap file) पर किया जाने वाला कार्य :

क) किसी अनाथालय/अंध-विद्यालय/वृद्ध आश्रम या पिछड़ी बस्तियों में जाकर उनकी स्थिति को समझने का प्रयास करें। उनके साथ बिताए समय अथवा अपने अनुभव को परियोजना पुस्तिका में लिखें। उनके साथ चित्र भी खिंचवाएं तथा उसे भी परियोजना पुस्तिका में लगाएँ।

ख) हितोपदेश/ पंचतंत्र / विश्वकथाशतकम् की कहानियां पढ़ें तथा किसी एक कहानी का नाम लिखकर उसकी समीक्षा लिखें।

2. PT-I का पाठ्यक्रम याद करें।

ARTIFICIAL INTELLIGENCE

1. Revise the questions based on Communication Skills, Introduction to AI and AI Project Cycle.
2. Identify any Innovative Idea for AI enabled project to be used in your choice of Indian State, in any field like Education, Agriculture etc. Find all the required Components in the Project, and also draw the circuit diagram for the same.

DATA SCIENCE

- Activity related to Green Skills: Prepare a colourful poster detailing the relationship between man and environment, in various periods.
- With the help of chart paper, glue stick and news paper clippings, make a collage of visual communication used in different aspects of life.
- Draw 'DIKW' model in your note book.
- Learn thoroughly –communication Skills, Green Skills and Lesson -1, Lesson-2 for PT-1.

INFORMATION TECHNOLOGY

- Activity related to Green Skills: Prepare a colourful poster detailing the relationship between man and environment, in various periods.
- With the help of chart paper, glue stick and news paper clippings, make a collage of visual communication used in different aspects of life.
- Draw 'two input and two output devices' used in computers in your note book.
- Learn thoroughly –communication Skills, Green Skills and Lesson -1, Lesson-2 for PT-1.