



# Army Public School, Pune

# SUMMER

## Activity Schedule

### 2023-24

### Class X



## **ARMY PUBLIC SCHOOL , PUNE.**

Education is the passport to the future, for tomorrow belongs to those who prepare for it today.

Dear Children,

It is easy to get into a relaxed mode, during holidays. We've compiled a handy list of helpful suggestion of things you could do and would want to do over your holiday break.

**Make the most of every moment – you will be happy you did once you are back into the swing after the holidays!**

1. Stay healthy and combat the holiday bulge by keeping up with a regular exercise regimen. You'll look – and, more importantly, *feel* – better.
2. What we're suggesting here is the kind of reading you *actually* enjoy – not your required reading for school. Seriously - when was the last time you read a book that you didn't *have* to? Pick up a book because it looks interesting, cozy up and get lost in it. Enjoy – you'll be happy you did!
3. You love your family and they love you. No matter how much you hate to admit it, you miss them terribly. Why wait until the holidays to catch up with family?
4. Some of the best films of the year are released during the holiday season and, since you have a lot of free time on your hands, it's a great opportunity to take advantage of!
5. Have family meals together and talk about your day with them.
6. Help your parents with small chores around the house.
7. Visit your Grandparents and spend time with them.

## Class 10 Holiday Homework 2023-24

### English:

1. Prepare a Group project ( Based on the Speaking Skills activity given on page 36 of FIRST FLIGHT the Main Reader)
2. Complete the first 3 worksheets in the book - Words and Expressions
3. Maintain a word bank to improve your vocabulary( new words). Write 2 sentences a day using those words.

### Hindi:

1. संचयन पुस्तक के पाठों को पढ़कर उनसे मिलती हुई कोई लघु कथा लिखें ।
2. मीरा के कोई दो पदों का संकलन करें और चित्र सहित अपनी हिन्दी की अभ्यास -पुस्तिका में लिखें।
3. पाठ बड़े भाई साहब में आए मुहावरों का अर्थ लिख कर वाक्यों में प्रयोग करें ।
4. कोई दस शब्द चित्र सहित लिखें, फिर उन शब्दों को वाक्य में पद के रूप में दिखाएं, तत्पश्चात दस वाक्य पदबंध के अपनी व्याकरण कॉपी में लिखें ।
5. निम्नलिखित विषयों पर अनुच्छेद लिखिए -  
1 मीठी वाणी 2 संयुक्त परिवार का महत्त्व
6. संचयन पुस्तक के पाठों को पढ़कर उनसे मिलती हुई कोई लघु कथा लिखें
7. मीरा के कोई दो पदों का संकलन करें और चित्र सहित अपनी हिन्दी की अभ्यास -पुस्तिका में लिखें।
8. पाठ बड़े भाई साहब में आए मुहावरों का अर्थ लिख कर वाक्यों में प्रयोग करें ।
9. कोई दस शब्द चित्र सहित लिखें, फिर उन शब्दों को वाक्य में पद के रूप में दिखाएं, तत्पश्चात दस वाक्य पदबंध के अपनी व्याकरण कॉपी में लिखें ।
10. निम्नलिखित विषयों पर अनुच्छेद लिखिए -  
1 मीठी वाणी 2 संयुक्त परिवार का महत्त्व

## Mathematics:

1. Article: Draft an article about mathematics, which may include 2 mathematician. Write their contributions to the field of mathematics and how are their contributions useful in today's world
2. Students in Grade 10 must be able to compute the surface areas and volumes of specified 3D objects such as a cube, a cuboid, and so on. Try to find out at least five objects from your home or surrounding made by combination solids and write down their formula to find surface area of the solids thus formed . combine any two 3D objects in a model form and recognise the 3D forms around you and investigate how we can calculate their surface area and volume.(MODEL MAKING)
3. Worksheet on quadratic given in class to be completed

## Science:

1. Solve the consolidated worksheet in the CW notebook. (Physics, chemistry and Biology sections in the respective notebooks)

PHYSICS	<b>DO ANY ONE OF THE FOLLOWING.</b> a) Make a ray diagram for one of the applications of concave mirror using matchsticks on A4 size thick paper b). Make a ray diagram for image formation of an object placed in front of a concave mirror, using matchsticks on A4 size thick paper c). Use paper quilling to depict structure of eye. d) Make a comparative chart of ray diagrams for convex lens.
CHEMISTRY	<b>DO ANY ONE OF THE FOLLOWING.</b> a) Prepare a table of chemical formulae using ions studied. b) Prepare a chart on electrolysis of water (Describe the aim, requirements, procedure, diagram, observations and conclusion for the activity) c) Prepare a chart listing common displacement reactions with diagram/pictures
BIOLOGY	Prepare a model of human digestive system OR Respiratory system using quilling technique , recycled waste etc

## Social science

Prepare a CBSE Board Project on any one of these topics –

- 1) Sustainable Development
- 2) Any one social Issue
- 3) Consumer Awareness.

Content of the project must be handwritten (around 15 pages) on A4 size plain sheets. Pictures/drawings should be done on the left side of the project.

## Sanskrit

- 1) किन्ही 5 चित्रों का संग्रह कीजिए और प्रत्येक चित्र का वर्णन 5 से 6 संस्कृत वाक्यों में कीजिए ।
- 2) सभी अव्यय पदों का स्मरण अर्थ सहित करें तथा प्रत्येक अव्ययपद का वाक्य-प्रयोग संस्कृत में कीजिए ।
- 3) अस्मद् तथा युष्मद् शब्दरूप याद कीजिए ।

## Artificial Intelligence

Write Python Programs:-

1. To find average and grade for given marks.
2. To find sale price of an item with given cost and discount (%).
3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle.
4. To calculate profit-loss for given Cost and Sell Price
5. To print the first 'n' multiples of given number

**The School closes for Summer Vacation from 6<sup>th</sup> of May to 14<sup>th</sup> of June 2023. School reopens for extra classes from 15<sup>th</sup> June 2023.**



**Happy  
Holidays!**