



AIR FORCE SCHOOL KANPUR CANTT.



ACADEMIC SESSION-
2026-27

ENJOY YOUR SUMMER VACATION



▶ ITS SUMMER TIME: TIME FOR STRENGTHENING FAMILY BOND, TYING THREADS OF FAMILY TREE, SHARING JOYS AND SORROWS, HAVE A GOOD TIME TOGETHER.



▶ TAKE GOOD CARE OF YOUR HEALTH AND HYGIENE.



▶ USE HOLIDAY HOMEWORK AS AN OPPORTUNITY TO SPEND QUALITY TIME TOGETHER.



▶ LET THE CHILD TAKE THE LEAD AND USE THEIR IMAGINATION, CREATIVITY AND KNOWLEDGE TO DO THE ASSIGNED TASK. THE ROLE OF THE PARENT IS TO BE THE FACILITATOR AND GUIDE TO STEER THE CHILD TOWARDS THE RIGHT PATH.



▶ DO YOGA PRACTICE DAILY.



WE WISH YOU LOADS OF
HAPPINESS, JOY, FUN
AND GOOD HEALTH WHILE
YOU ARE ON VACATIONS.



AIR FORCE SCHOOL KANPUR CANTT

HOLIDAY HOMEWORK 2026 – 2027

CLASS IX

1. Project Assam (EBSB) : Pairing state to Rajasthan

- Draw/Cut and Paste pictures and Write a write-up for:
- Traditional Clothes

- Traditional Dance Forms
- English Literary Personalities from Assam and Rajasthan

2. Portfolio: Take out the print-out given in Portfolio link and complete the asked information.

3. Activity : Write Factual Description and paste picture of:

- Kiran Bala Majumdar
- P. J. Abdul Kalam

4. Write two examples of Letter to the Editor. (Write in Grammar notebook)

5. Write two examples of Magazine Article. (Write in Grammar notebook)

Note: Docx file is given below.

Air Force school Kanpur cantt Class 9 Social Science

Art Integrated Assignment

Topic: Gateway to Social Science

NCERT Base: Class 9 Introductory Unit - "What is Social Science?"

Assignment Title: "The Social Science Umbrella"

1. Define Social Science in your own words
2. List the 4 main disciplines + their scope
3. Give 2 examples of how Social Science connects with Science, Maths, Art, Language

Your Task

Make a "Social Science Umbrella" Chart* on A3 sheet.

Step 1: The Umbrella Top - Meaning*

Draw a big umbrella. On top write:

"Social Science = Study of human society, past & present, and human relationship with environment"

Decorate with small drawings of people, globe, books, clock.

Step 2: The 4 Ribs - Scope*

Draw 4 ribs of the umbrella for the 4 subjects in Class 9 Social Science. For each rib write:

Subject What it Studies - Scope 1 Symbol You Draw 1 Example from Class 9 Book

History Past events, people, changes Qutub Minar French Revolution

Geography Earth, land, climate, resources Map of India Physical Features of India

Political Science Government, rights, constitution Constitution book What is Democracy?

Economics Money, resources, poverty, development Wheat + Rupee The Story of Village Palampur

Step 3: The Raindrops - Integration with Other Subjects

Draw raindrops falling on the umbrella. In each drop, show 1 link:

1. Science + Geography: Draw a rain cloud → “Weather & Climate”
2. Maths + Economics: Draw a calculator → “Bar graphs of population/poverty”
3. Art + History: Draw a painting → “Paintings of 1857 revolt”
4. Language/Hindi/English + Pol. Science: Draw a book → “Speech by Nelson Mandela in textbook”
5. Craft + Geography: Draw clay pot → “Soil types used for pottery”

Step 4: Handle of Umbrella - Why Study It?*

At the handle, write in 3 lines: _“Social Science helps me understand my country, rights, and how to be a responsible citizen.”_

Materials: A3 sheet/ chart/ file, use colours, old magazines for cutouts, etc.

Rubric for Checking

Criteria Marks

Meaning + All 4 subjects with correct scope	4
5 correct integration examples with drawings	3
Creativity & Presentation	2
Handwritten 3-line conclusion	1

Science Summer Holiday Homework

Class 9

I. Chemistry: Separation Techniques in the Real World

- **The Mission:** Select and analyze **Crystallisation** plus any other **four** separation techniques of your choice (e.g., Centrifugation, Chromatography, Distillation, or Filtration).
- **For each of the five techniques, provide:**
 1. **Scientific Principle:** A brief explanation of how the method works.
 2. **Daily Life Example:** A simple instance of this method being used at home.
 3. **Real-World Application:** A large-scale industrial use (e.g., *for Crystallisation: Obtaining pure sugar from syrup or pure copper sulphate from an impure sample*).
 4. **Labelled Diagram:** A neat, hand-drawn illustration of the process.

II. Physics: Describing Motion

- **Graphical Representation:** Draw and label the following scenarios in the exact sequence below:
 - **Uniform Motion:** (Distance-Time Graph showing a straight sloping line).
 - **Non-Uniform Motion:** (Distance-Time Graph showing a curve).
 - **Uniform Acceleration:** (Velocity-Time Graph showing a straight sloping line).
 - **Non-Uniform Acceleration:** (Velocity-Time Graph showing a curve).
- **Kinematic Equations & Problem Solving:**
 - List the three equations of motion and solve them graphically.

III. Submission Guidelines

- Use a project file or A4 sheets with a clear **Cover Page** and **Index**.
- All graphs and diagrams must be drawn with a **sharp pencil** , **graph paper** and **ruler**.
- Explain the "Real World" impact of these techniques in 2–3 sentences for each section.

Airforce school Kanpur cantt

Summer-2026

Holiday homework

Class-9

➤ Instructions-

- Complete all work neatly in a separate notebook/file.
- Use colored sheets, pictures and diagrams wherever required.
- Submission should be creative and well-presented.
- Mention your Name, class, Section, Roll Number Clearly.

SECTION-A (FITNESS ACTIVITY CHART)

- Perform any one of physical activity daily for at least 20 minutes:
 - Walking
 - Skipping
 - Cycling
 - Jogging
 - Yoga
- Make a small table for 7 days mentioning:
 - Activity name
 - Time spent
 - How you felt after exercise
 - Example: Monday|skipping|20min|Energetic

SECTION-B (HEALTHY FOOD PLATE)

- Draw or paste a colorful picture of a balanced diet plate and label:
 - Carbohydrates
 - Proteins
 - Vitamins
 - Minerals
 - Water
 - Write 5 healthy habits.
- Make short video performing yoga.

MATHS HOLIDAY HOMEWORK

CLASS : 9

Do all the questions of chapter 1 & 2 from NCERT Ganit Manjari (part-1).

ग्रीष्मकालीन अवकाश गृह कार्य

कक्षा 9 'अ'

हिंदी

1. पढ़ाए गए सभी पाठों की पुनरावृत्ति करें तथा अभ्यास करें।
2. अपने दैनिक जीवन में प्रयोग आने वाली किन्हीं 20 शब्दों को लिखें तथा उसके समानार्थी शब्द भी व्याकरण नोटबुक में लिखें।
3. पांच अनौपचारिक पत्र तथा पांच अनुच्छेद व्याकरण नोटबुक में लिखें।
4. राजस्थान की भौगोलिक स्थिति, खानपान, रहन-सहन, भाषा-शैली, धार्मिक स्थल तथा कानून व्यवस्था को दर्शाता हुआ परियोजना कार्य तैयार करें (कमेंट सीट पर)।
5. कम से कम 20 मुहावरों का प्रयोग करते हुए एक लघु कथा लिखें तथा उसका उपयोगी शीर्षक दें।
6. पोर्टफोलियो बनाएं।
7. कोई 10 विज्ञापन समाचार-पत्र से अपनी व्याकरण नोटबुक में चिपकाएं जो कि आपकी रोजमर्रा की जरूरत की वस्तु का हो, जैसे- साबुन तेल मंजन आदि।

Holiday Homework
Class IX (2026-27)
Subject: IT (402)

ART INTEGRATED PROJECT

Topic: Digital India

Work to Do

Prepare a detailed project file containing:

1. Introduction to Digital India
2. Benefits of Digital India
3. Online Services
4. UPI and Digital Payments
5. Cyber Security Awareness
6. Conclusion

Creative Work

- Draw or paste pictures.
- Make one poster on “Go Digital”.
- Create one slogan related to Digital India.

Suggested Slogans

- “Digital India, Smart India”
 - “Technology for Better Future”
-

Activity 1: Introduction to Information Technology

- Paste pictures related to IT applications.

Chart Work

Prepare a chart on “Applications of Information Technology”.

Activity 2: Digital Documentation

Practical Work: Perform the following practicals on LibreOffice Writer/MS Word:

1. Create a document on “My School”.
 - o Apply: Bold, Italic, Underline, Font size and colour, Page border, Header and Footer
 - o Insert: Table, Picture, Page Number
 - o Save the file as: MY_SCHOOL.docx

Paste Screenshots of: Home Screen, Formatting Toolbar, Final Document

Activity 3: Electronic Spreadsheet

Practical Work: Create a spreadsheet showing marks of five subjects.

Tasks: Enter data of 5 students.

- o Use formulas for: Total, Average, Percentage

Paste screenshots of: Spreadsheet window, Formula bar, final output

Activity 4: Presentation Software

Practical Work: Create a presentation on “Cyber Safety”.

Include: Minimum 5 slides, Pictures and animations, Slide transition effects

Topics: 1. Cyber Safety 2. Strong Passwords 3. Internet Safety 4. Cyberbullying