



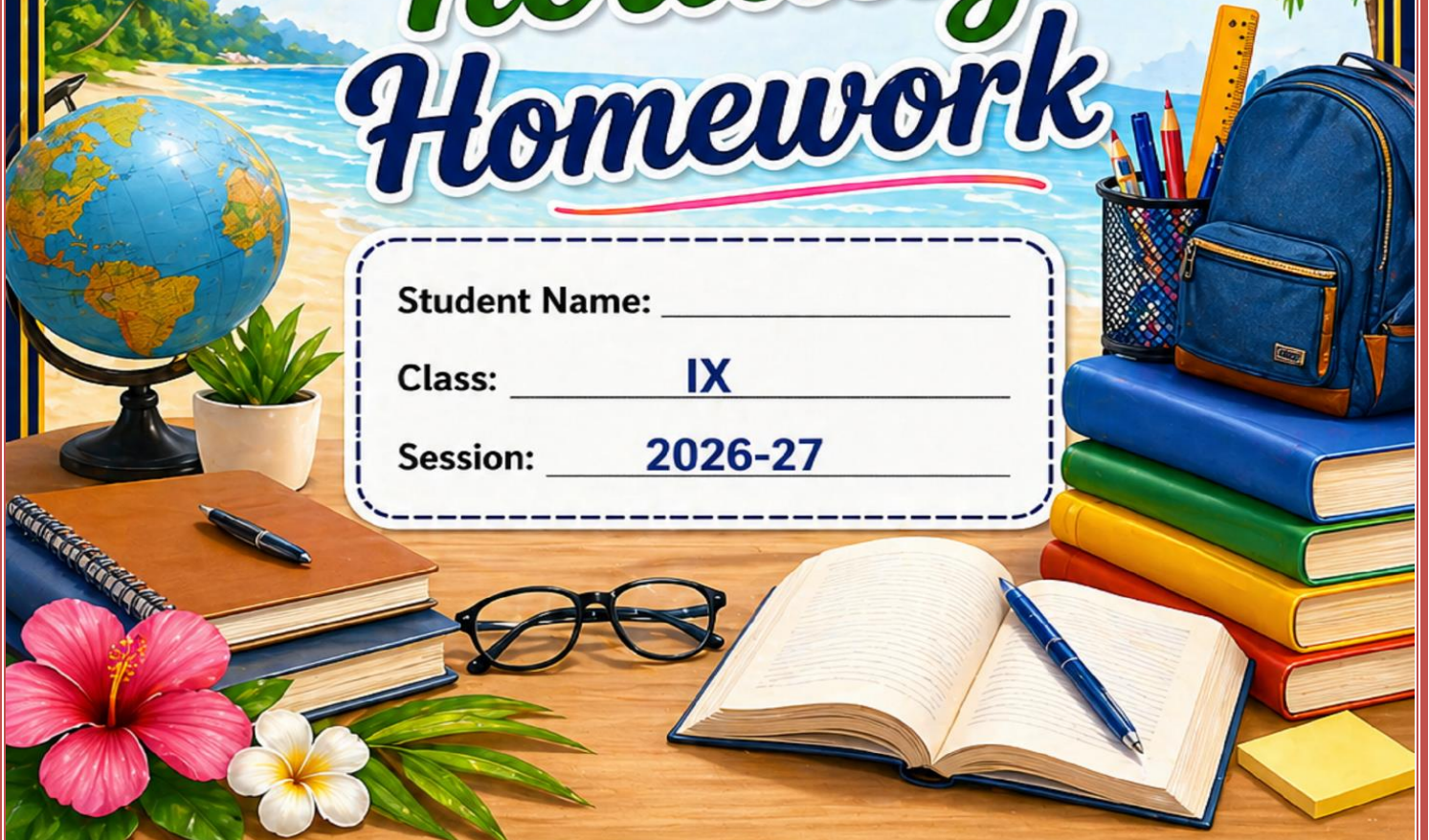
AAKAR PUBLIC SCHOOL

**Summer
holiday
Homework**

Student Name: _____

Class: **IX** _____

Session: **2026-27** _____



Learning is the beginning of wealth. Learning is the beginning of health. Learning is the beginning of spirituality.

Searching and learning is where the miracle process allbegins.

.....Jim Rohn

The summer vacation, this time would not be ice creams, candies and cool pool, but time can be utilized in honing skills and interests. It is easy to bloom, then to be bud, but you are responsible young members of nation and it's our duty to follow rules. Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely. This summer vacation the holiday homework so designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn".

REMEMBER

- *Neatness and hygiene are part of your routine.
- *Holidays homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- * It's a perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
- *Reading is essential for those who seek to rise above the ordinary. Spend your quality time with reading purposeful books.
- * A beautiful handwriting makes a good impression. Practice one page of English and Hindi writing daily.
- * Schedule your time for activities so that there is no piling up for the last moment.
- * Holiday homework should be your authentic creative work.

NOTE: The marks of holiday homework will be included in your Term-1 exam. Kindly deposit the holiday homework in July 1st week, later it will not be accepted by the class teacher.

HAPPY SUMMER HOLIDAYS

Vacations are the best time to relax and enjoy. Summer vacation is the reason behind fun in the Sun, beach and shadow of the umbrella.

This is to inform all the students that the summer vacation is going to begin on

1st May 2026 and will end on 30th June 2026. The school will reopen on 1st July 2026.

Summer holidays homework has been uploaded on our school App : Edunext and WhatsApp group. Kindly go through it. We hope you have a fantastic vacation with your family. Have a wonderful summer vacation!

SUBJECT – ENGLISH

1. Read the novel "Grandma's Bag of Stories" written by Sudha Murthy and write down its summary in your own words about 100-150 words. Also paste/draw the cover page of the novel and paste it in your summary.
2. You are Radhika/Raghav. You spent a day without mobile/TV in your Village. Now, write a diary entry (100-120 words) describing your experience of that day.
3. Write a letter to the Municipal Corporation, requesting them to make arrangements for providing clean drinking water and food for stray animals and birds in your area, especially during the summer season. Mention your name as Sumedh/Sumedha.
4. Draw a poster on a chart paper for your school's Annual Sports Day. Also, mention date, time, venue and main attractions.

SUBJECT – HINDI

1. **साहित्य:** प्रेमचंद की प्रसिद्ध कहानी "दो बैलों की कथा" को पढ़िए और उसका सारांश अपने शब्दों में लिखिए। साथ ही, कहानी से किन्हीं 10 मुहावरों को छाँटकर उनका अर्थ लिखिए और वाक्य प्रयोग कीजिए।
2. **रचनात्मक लेखन:** "मेरे सपनों का भारत" विषय पर 200-250 शब्दों का एक अनुच्छेद लिखिए।

गतिविधि (Activity):

3. **विज्ञापन लेखन:** अपनी पुरानी साइकिल बेचने के लिए एक आकर्षक विज्ञापन तैयार कीजिए (एक बॉक्स बनाकर चित्र सहित)।

4. **हिंदी साहित्यकार परिचय (लेखक/कवि प्रोफाइल)**

विषय: मुंशी प्रेमचंद, सुमित्रानंदन पंत या महादेवी वर्मा।

*सीट पर क्या करें: * बीच में लेखक का चित्र (Photo) चिपकाएँ।

*एक तरफ उनकी प्रमुख रचनाओं के नाम लिखें।

*नीचे उनके जीवन परिचय और पुरस्कारों का विवरण दें।

*आकर्षण: बॉर्डर को कलमकारी या मधुबनी पेंटिंग के छोटे पैटर्न से सजाएँ।

SUBJECT - SCIENCE

1. CHEMISTRY-

- Prepare chart in which u have to explain all states of matter with help of diagram and explain process of sublimation , vaporization , evaporation including detail explanation of density and volume all details u have to make in chart.
- Prepare a periodic table chart in systematic form. mention all details in chart ex; details of metal and non-metal & metalloids also elaborate role of periodic table in chemistry

MATERIAL REQUIRED -

Chart paper, colors, glue, pencil, scissor.

Q1. The atomic number of an element is 13. What will be the number of electrons in its ion?

- a.) 13
- b.) 12
- c.) 11
- d.) 10

Q2. The formula of a compound is A_3B_2 . The valency of element B will be:

- a.) 2
- b.) 3
- c.) 1
- d.) Cannot be determined

Q3. Atoms of the same element combine to form:

- a.) molecules
- b.) ions
- c.) atoms
- d.) compounds

Q4. The correct symbol of lead is-

- a.) Li
- b.) Ca
- c.) Pb
- d.) Cu

Q5. Fill in the blanks.

- a.) Clusters of atoms that act as an ion are called ions
- b.) A chemical formula is also known as a
- c.) The valency of an ion is ion. to the charge on the
- d.) The mass of 1 mole of a substance is called its
- e.) The formula mass of Na_2O is

Q6. How many grams of oxygen gas contain the same number of molecules as 16 grams of Sulphur dioxide gas? ($\text{O} = 16 \mu$, $\text{S} = 32 \mu$)

Q7. Write the symbols of the following:

- a.) Copper
- b.) mercury
- c.) iron
- d.) silver
- e.) gold
- f.) argon
- h.) zinc

2. BIOLOGY-

Prepare a detail chart on plant cell and animal cell with proper diagram and also explain the function of cell, cell organelles elaborate type of cell.

MATERIAL REQUIRED -

Chart paper, colors, glue, pencil, and scissor.

3. PHYSICS-

Assignment:

- Define amplitude, frequency, and wavelength of sound.
- Explain the concept of echo and reverberation.
- Describe the characteristics of sound (pitch, loudness, and quality).
- Derive the formula for speed of sound ($v = f\lambda$).
- Solve numerical problems on sound.

Activities:

- Create a diagram illustrating the structure of the human ear.
- Investigate how different materials affect sound absorption.

Required Material:

- Physics textbook
- Graph paper

- Calculator
- Pencils and eraser
- Online resources (optional)

SUBJECT - MATHS

TASK-

- Describe Polynomial based on items and degree.
- Write down Properties of Triangle, Quadrilateral and Circle and also write its types in your Notebook.

ACTIVITY-

- Draw a chart about on "Number system"
- Draw a chart on 3D models like Cube, Cuboid, Cone, Cylinder, and Sphere. Write about these 3D models CSA, TSA and Volume.

MATERIAL REQUIRED-

Cardboard, Colourful Chart sheets, Glue, Colors scissor.

SUBJECT - SOCIAL SCIENCE

Topic-

- (1) Make a file on Democracy and Constitution of India in detail with the help of following points which is given below.
 1. Introduction
 2. Democracy & constitution of India
 3. What is democracy & why it is important.
 4. Implementation of constitution of India.
 5. Difference between democratic & non-democratic (Dictatorship)
- (2) Make a file on wildlife sanctuary & National park and bird century with the help of given points.
 1. Introduction
 2. Definition

3. Write how many sanctuary and wildlife century present in India
4. Difference between wildlife sanctuary & Bird century.

Activities

1. Write 15 points on Democratic Rights in file.
2. Make a map on wildlife sanctuary or National parks & Bird century and Locate them in file.

Required Material

1. Stick file
2. Colourful Sheets

Holiday Homework Marks Distribution

S.No.	Subject Name	Maximum Marks	Obtained Marks	Teacher's Signature
1	English	5		
2	Hindi	5		
3	Mathematics	5		
4	Science	5		
5	Social Science	5		

Note:

The Holiday Homework of each subject carries ****5 marks****, which will be included in the ****Term-1 Internal Assessment (IA)**** category. Students are advised to complete their work neatly and submit it on time.