

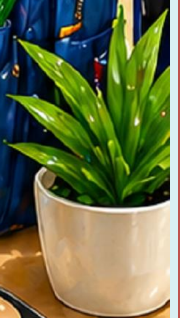
AAKAR PUBLIC SCHOOL

Summer
holiday
Homework

Student Name: _____

Class: **X** _____

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!

ENGLISH

- ❖ Write a character sketch of Lencho, the protagonist of the story "A Letter to God" in 80-100 words.
- ❖ Read the novel "Three Thousand Stitches" written by Sudha Murthy and write down its summary in your own words about 100-150 words.
- ❖ You are the postmaster, who read the letter written by Lencho to God. Write a diary entry in your words (about 100-120 words) describing the whole incident as per your point of view.
- ❖ Draw a poster on a chart paper for your school's Dance Carnival. Also mention date, time, venue and main attractions.

HINDI - ग्रीष्मकालीन अवकाश गृहकार्य

1. व्याकरण परियोजना (Project Work)

विषय: 'वाच्य' (Voice) अथवा 'पद-परिचय'।

कार्य: एक आकर्षक प्रोजेक्ट फाइल तैयार करें जिसमें वाच्य के तीनों भेदों (कर्तृवाच्य, कर्मवाच्य, भाववाच्य) की परिभाषा, नियम और कम से कम 10-10 उदाहरण चित्र सहित समझाए गए हों।

2. रचनात्मक लेखन (Creative Writing)

अनुच्छेद लेखन: दिए गए संकेत बिंदुओं के आधार पर अपनी अभ्यास पुस्तिका में लगभग 120-150 शब्दों का अनुच्छेद लिखें:

विषय: 'डिजिटल इंडिया और विद्यार्थी'।

संकेत बिंदु: डिजिटल इंडिया की अवधारणा, ऑनलाइन शिक्षा के लाभ, तकनीक का बढ़ता प्रभाव, सदुपयोग और सावधानियाँ।

3. साहित्य एवं शोध (Literature & Research)

लेख: महान साहित्यकार मुंशी प्रेमचंद के व्यक्तित्व और उनके साहित्य में ग्रामीण जीवन के चित्रण पर एक संक्षिप्त लेख लिखें। उनकी किन्हीं दो प्रमुख कहानियों के नाम भी लिखें जो आपको सबसे अधिक पसंद आई हों।

4. अभिव्यक्ति कौशल (Expression Skills)

विज्ञापन लेखन: 'जल संरक्षण' (Save Water) के प्रति जागरूकता फैलाने के लिए एक सुंदर और प्रभावशाली विज्ञापन तैयार करें। (इसे कलर पेंसिल और स्केच पेन का उपयोग करके आकर्षक बनाएँ)।

5. व्यावहारिक हिंदी (Practical Hindi)

स्ववृत्त लेखन (Bio-data): मान लीजिए आप किसी विद्यालय में 'हिंदी शिक्षक' के पद के लिए आवेदन करना चाहते हैं। इसके लिए एक औपचारिक स्ववृत्त (Resume) तैयार कीजिए।

सुझाव: * कार्य को साफ-सुथरा और कलात्मक बनाने का प्रयास करें।

जहाँ आवश्यक हो, चित्रों या रेखाचित्रों (Diagrams) का प्रयोग करें ताकि होमवर्क प्रभावशाली लगे।

❖ SCIENCE

1. CHEMISTRY-

- 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.

2. BIOLOGY-

- Give detail report on cardiovascular system in chart with diagram and proper presentation .with proper explanation of each point.
- Give detail report on digestive system in chart with diagram and proper presentation with proper explanation of each point.

3. PHYSICS-

- Assignment 1: Electricity
 1. Define electric current, resistance, and potential difference.
 2. Derive the formula for electric power ($P = VI$).

3. Calculate the resistance of a conductor given its length, Cross-sectional area, and resistivity.

Required Material:

- Physics textbook
- Graph paper
- Calculator
- Pencils and eraser

Worksheet

Balancing Chemical Equations

Balance the chemical equation below!

1	$\dots \text{H}_2 + \dots \text{Br}_2 \longrightarrow \dots \text{HBr}$
2	$\dots \text{N}_2 + \dots \text{H}_2 \longrightarrow \dots \text{NH}_3$
3	$\dots \text{K} + \dots \text{H}_2\text{O} \longrightarrow \dots \text{KOH}$
4	$\dots \text{S}_8 + \dots \text{O}_2 \longrightarrow \dots \text{SO}_2$
5	$\dots \text{H}_2\text{O}_2 \longrightarrow \dots \text{H}_2\text{O} + \dots \text{O}_2$
6	$\dots \text{P}_4\text{O}_{10} + \dots \text{H}_2\text{O} \longrightarrow \dots \text{H}_3\text{PO}_4$
7	$\dots \text{Zn} + \dots \text{AgCl} \longrightarrow \dots \text{ZnCl}_2 + \dots \text{Ag}$
8	$\dots \text{Al} + \dots \text{H}_2\text{SO}_4 \longrightarrow \dots \text{Al}_2(\text{SO}_4)_3 + \dots \text{H}_2$
9	$\dots \text{NaHCO}_3 \longrightarrow \dots \text{Na}_2\text{CO}_3 + \dots \text{H}_2\text{O} + \dots \text{CO}_2$
10	$\dots \text{CaCO}_3 + \dots \text{HCl} \longrightarrow \dots \text{CaCl}_2 + \dots \text{H}_2\text{O} + \dots \text{CO}_2$

Worksheet 2

MULTIPLE CHOICE QUESTIONS:

1. An element reacts with oxygen to give a compound with a high melting point. The compound is soluble in water. The element is likely to be
(a) calcium (b) carbon (c) iron (d) silicon
2. The second most abundant metal in the earth's crust is
(a) oxygen (b) silicon (c) aluminium (d) iron
3. An alloy of Zn and Cu is dissolved in dil. HCl. Hydrogen gas is evolved. In this evolution of gas
(a) only zinc reacts with dil. HCl (b) only copper reacts with dil. HCl
(c) both zinc and copper react with dil. HCl (d) only copper reacts with water
4. A greenish coating develops on copper utensils due to formation of
(a) CuCO_3 (b) Cu(OH)_2 (c) $\text{Cu(OH)}_2 \cdot \text{CuCO}_3$ (d) CuO
5. Rusting of iron takes place in
(a) ordinary water (b) distilled water
(c) both ordinary and distilled water (d) none of the above
6. The bronze medals are made up of
(a) Cu and Zn (b) Zn and Ni (c) Cu and Sn (d) Cu, Zn, Sn
7. Silver articles become black on prolonged exposure to air. This is due to the formation of
(a) Ag_2O (b) Ag_2S (c) AgCN (d) Ag_2O and Ag_2S
8. A student placed an iron nail in copper sulphate solution. He observed the reddish brown coating on the iron nail which is
(a) soft and dull (b) hard and flaking
(c) smooth and shining (d) rough and granular
9. Which among the following alloys contain non-metal as one of its constituents?
(a) Brass (b) Amalgam (c) Gun powder (d) None of these

10. A magnesium ribbon is burnt in the air. What is the main product of it?



❖ MATHEMATICS

1. Draw a chart about on "Number system" and write the name of its types with examples.
2. Write about Triangle, its types, Properties and also give difference between similar and congruent triangle in your notebook.
3. Draw a chart on 3D models like Cube, Cuboid, Cone, Cylinder, and Sphere. Describe 3D models CSA, TSA and Volume in your chart.
4. Write about 4 Mathematician in your notebook also write bio theorem gives.

❖ SOCIAL SCIENCE

1. Make a file on Agricultural with the help of following points which is mention below.
 1. Introduction
 2. Definition
 3. Type of farming
 4. Type of crops
 5. Cultivation of crop in different part of India.

Activities-

- Make a Map on paper file and locate them.
- Make a pie-chart on chart paper and show the percentage of production.

Required Material -

1. Colourfull Sheet
2. Stick file
3. Uses of some grains or pulses

Topic-

2. Make a file on multipurpose river project program & Water resources management with the help of given instructions.

1. Introduction
2. Definition
3. Source of water
4. Conservation of water
5. Uses of river & Dams

Activities

- Make a Map of (River) in paper file and locate them.
- Make a Map of (Dam's) in paper file and locate them.

Required Material -

1. Stick file
2. Stick file
3. Colourfull sheet A4 size

