



**KALKA PUBLIC
SCHOOL**

ALAKNANDA



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ALAKNANDA, KALKAJI, NEW DELHI - 110019

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SESSION

2025-2026

CLASS IX

A Journey of Learning and Fun

Dear Students & Parents,

As we have approached summer vacations, I wish you all a joyful and relaxing break with a quality family time.

This much awaited break is also the time to recharge, pursue interests and create lasting memories with family and friends. This is the time to reflect on one's accomplishments and failures and also envision the exciting possibilities for the next part of the academic year.

Do engage in meaningful activities, prioritize physical and mental wellbeing and be grateful to almighty for all possible blessings you have in your life and have a lot of fun.

Following is the holiday homework given to students, which has been creatively crafted by your mentors to keep you engaged with curious projects and assignments to make you ready for the year ahead, where you are refreshed to embrace new challenges.

Further we at KPS are grateful for the continued partnership and support of the parents as always shown.

Looking forward to see rejuvenated you on 1st July, 2025.

Wishing you a blissful summer vacations ahead!

Best Regards,

Dr Anju Mehrotra (Director / Principal)



GENERAL INSTRUCTIONS:

- Holiday Homework must be done in a very neat and presentable manner.
- Homework will be assessed on the basis of neatness, handwriting, creativity, presentation and completion of all the questions & indexing of work. It will be part of internal assessment.
- Avoid cutting and overwriting.
- Creativity and Originality of work will be appreciated.
- Homework for each subject comprises of two parts-(A) SUBJECTIVE that includes assignment and (B) ART INTEGRATED PROJECT
- Read the instructions carefully under each Subject and submit it accordingly.
- For ART INTEGRATED PROJECT
 - (i) The entire project for all subjects, has to be compiled in one Project file in the following sequence of subjects and is to be done on A4 size sheets with specific colours-
English(Peach)
Hindi/Sanskrit (Green)
Math (White)
Science (yellow)
Social science (Pink)
AI/ FM/HC (Blue)
 - (ii) The cover of Project file must comprise of–
 - a. School's name : Kalka Public School, Alaknanda
 - b. CBSE Art integrated project
 - c. Name of student :
 - d. Class /Section :
 - e. Session : 2025-26
 - (iii) The first page of the Project file - Index
 - (iv) The Second page - Acknowledgment
 - (v) The Third page –Certificate, followed by the main content pages of the Project
- For SUBJECTIVE Part, the assignment is to be done as instructed in each subject

SUBMISSION OF HOLIDAY HOMEWORK

The last date of submission_ of the Homework is 7th July, 2025. Do all the Activities/Project work, as directed.



SUBJECT- ENGLISH (101)

GENERAL INSTRUCTIONS:

THIS ASSIGNMENT IS DIVIDED INTO TWO PARTS

PART A contains a set of questions to be attempted in Writing skills notebooks.

PART B must be done in a PROJECT FILE -It has to be submitted in A4 sized sheets in a file.

Your Submission Must Have A Cover Page, Pictures/Photographs/Sketches Along With Your Write-Up.You May Make It Colourful &Vibrant.

PART-A

Q1. " Decode the Poet's Toolbox!"

Dear young poets and puzzle masters

Poets like Alfred Lord Tennyson (The Brook) and Robert Frost (The Road Not Taken) don't just write poems—they weave magic using tools called literary devices—similes, metaphors, personification, and more! This holiday, it's your turn to step into their shoes and explore these poetic tools in a fun and creative way.

✓ Create a crossword puzzle based on the literary devices used in the poems "The Brook" and "The Road Not Taken. Include at least 10 clues (5 across and 5 down) related to the literary devices used in the poems.

✓Each clue should be a definition or example from either of the poems.

✓Highlight the answers in a separate answer key.

✓Decorate your puzzle creatively to reflect the themes of both poems (flowing river and diverging paths).

✓Give your crossword a title and a short poetic tagline of your own!

Bonus Creativity Tip: Use illustrations (like a brook or forest path) to make your puzzle visually appealing and theme rich.

Q2. Complete and Paste Integrated Grammar Practice Exercises 1 to 5 given in workbook.

PART-B

Attempt any one of the following.

Q1. Based on the story "How I Taught My Grandmother to Read", design a traditional story scroll (using Pattachitra, Madhubani, or any other Indian folk-art form) depicting 6–8 important scenes. In each illustrated panel add a short caption or dialogue written in English and your regional language. Conclude the scroll with a reflective paragraph titled "What I Learnt from the Story", highlighting the values and lessons gained from the narrative.

Note: Use eco-friendly materials and ensure neatness and creativity in both artwork and content.

Q2. You are a travel enthusiast who recently got a chance to visit the breathtaking state of Sikkim nestled in the Himalayas. Write a travelogue describing your journey—your arrival, the stunning natural beauty of the mountains and valleys, the rich biodiversity, the local food, and the warmth of the Sikkimese people. Mention at least three words or phrases you learned in the local language (such as Nepali, Bhutia, or Lepcha) and explain what they mean. Reflect on how life in the peaceful hills of Sikkim feels different from your usual city life.

Note: To enhance your work, decorate your travelogue with Himalayan-themed artwork: draw mountains, monasteries, prayer flags, yak caravans, or rhododendron flowers. You may also add a creative cover page or a handmade postcard using recycled materials (like jute, wool, dried leaves, or magazine cutouts) to reflect the culture and natural beauty of Sikkim.

SUBJECT-HINDI(085)

PART A

प्रश्न १. उपसर्ग और प्रत्यय का कार्य है किसी शब्द के साथ जुड़कर नया शब्द बनाना। जो शब्दांश शब्दों में जुड़कर उनके अर्थ में परिवर्तन लाते हैं। आप भी ऐसे कुछ नवीन शब्दों का एक हस्त निर्मित वृक्ष तैयार करें जिसमें एक शब्दांश से 4 शब्द बनें।



प्रश्न २ .अपने आसपास की किन्हीं वृद्ध (दादा-दादी) लोगों से मिलकर , 'आज के ज़माने का परिवर्तन' पर उनके साथ बातचीत कर उनका अनुभव सुने व उनके साथ चित्र खिंचवा कर एक संवाद के रूप में अपना भी अनुभव लिखे। (एक चित्र एल्बम के रूपमें तैयार कीजिए।



PART B

परियोजना कार्य

"दिल्ली और सिक्किम - विविधता में एकता"

भारत की अद्भुत संस्कृति और विरासत विभिन्न राज्यों के माध्यम से प्रस्तुत होती है। इस प्रोजेक्ट में हम दिल्ली और सिक्किम की कला, संस्कृति और भोजन परंपरा की तुलना करेंगे, जिससे हम इनके बीच संबंध और विविधता को समझ सकें।

दिल्ली और सिक्किम की भोजन का अंतर परियोजना कार्य में स्पष्ट करें और दोनों की विशेषताएं चित्रों के माध्यम से समझाएं।

1.*दिल्ली:* परांठे, छोले-भटूरे, दाल मक्खनी।

सिक्किम: मोमो, थुकपा, गंडरुक सूप।

2.*चित्रकला:*

सिक्किम की परंपरागत *थांगका चित्रकला* और दिल्ली के *मधुबनी चित्रकला* पर एक कोलाज बनाएं*।



अथवा

2 .बछेंद्रीपाल, माउंट एवरेस्ट पर चढ़ने वाली प्रथम भारतीय महिला है। सन १९८४ में इन्होंने माउंट एवरेस्ट फतह किया था। वे एवरेस्ट की ऊंचाई को छूने वाली दुनिया की पाँचवीं महिला पर्वतारोही है। आप भी स्पर्श पुस्तिका के पाठ एवरेस्ट मेरी शिखर यात्रा के आधार पर प्रगतिशील भारतीय महिलाओं से संबंधित चित्रों का संग्रह कीजिए एवं उनकी संक्षिप्त जानकारी प्राप्त करके भित्ति पत्रिका (Scrap Book) में लिखिए। उदाहरण:-



(इस सारे कार्य के लिए एक फाइल तैयार कीजिए, कवर पेज में अपना नाम, कक्षा विभाग, अध्यापिका का नाम भी लिखें।)

SUBJECT-MATHS(041)

PART A

Art integrated project

Project Title:Sikkim(A City on the Coordinate Plane).

For this project, you will be exploring Sikkim, using the concepts of coordinate geometry!

Project Goal: Your task is to choose a specific area or theme within sikkim and represent it on a coordinate plane. Then, you'll use what you've learned about coordinates to analyze the locations of important places within that area. Be creative and present your findings in an informative way!

You can work on this project individually or in groups of 2-3 students.

Here's a breakdown of what you need to do:

Phase 1: Choosing a Focus Area/Theme:

First, decide what part of Sikkim want to map. Here are some ideas to get you started:

- Major transportation routes.
- Historical landmarks.
- Educational institutions: Focus on schools and colleges in a particular area.
- Green spaces: Map parks and gardens.

Once you've chosen, explain why you picked that area or theme. What's interesting about it?

Phase 2: Research and Data Collection:

Now, you'll need to gather information about the locations you've chosen.

- You can use simplified online maps to get an idea of where things are located. You don't need exact addresses, but try to understand the relative positions of the places.
- You might need to do some basic online searches to find the names of places.

You'll also need to decide on a scale for your map. For example, 1 unit on your map could represent 100 meters in the real world. Choose a scale that makes sense for the area you're mapping.

Phase 3: Creating the Coordinate Plane Representation:

Now it's time to create your map!

- Draw a coordinate plane on a large sheet of chart paper or use a computer program.
- Carefully plot the locations on your plane, making sure to label each point with the name of the location and its coordinates.
- Clearly indicate the origin (0,0) and the scale you're using.
- Be creative and make your map visually appealing! You can use different colors or symbols.

PART B

Students must complete the questions provided in the link below.

https://docs.google.com/document/d/1gdVTJx1MXJ99fzO24zn6TYA_gpWib0Ax1bUoPcEcAZ/edit?usp=sharing

SUBJECT-SOCIAL SCIENCE (087)

Instructions:

1. *The holiday assignment should be handwritten only.*
2. *Use of pictures, illustrations, newspaper clippings is essential where ever required.*
3. *Question number 1 should be done on a separate file using A4 size sheets.*
4. *Question number 2 should be done in the map work book.*
5. *Question number 3 is an Art Integrated Project. Make A wall hanging using any decorative material.*

PART A

1. Make a Project on Disaster Management :

(A) Natural Disasters:

Earthquakes, Floods and Droughts - Elements at risk, causes, effects, and the main mitigation strategies.

OR

(B) Manmade Disasters:

Terrorist Attack, Fire, Road, Rail and Air traffic accidents -- causes, effects, Do's and Don'ts

(Sources: Newspaper, internet and magazines)

Note: *The project should not exceed 15 pages and should include the following headings:*

- 1. Preface 2. Index 3. Acknowledgement 4. Detailed Report of the topic 5. Bibliography 6. Teacher's Evaluation Sheet**

2. Map practice: Complete the following pages in the map work book- 83 to 88

PART B

- 3. Make a Wall Hanging** showcasing the unique physiographic features and socio culture of SIKKIM

SUBJECT-SCIENCE (086)

PART- A

Q1. Complete experiments 1 to 5 in Lab Manual

Q2. Make a 3D model of any cell/ cell organelle with well labeled internal structures



PART B: Research & Explore:

Nestled in the lap of the Himalayas, Sikkim is not only a land of scenic beauty but also a shining example of how science and sustainability can go hand in hand. From organic farming to renewable energy, Sikkim uses scientific knowledge to protect its natural wealth and promote eco-friendly living. This project explores how the state of Sikkim applies science in everyday life — in agriculture, biodiversity conservation, disaster management, and clean energy.

Study the state of Sikkim from a scientific perspective — exploring its biodiversity and renewable resources and sustainable development practices focusing on how the state uses science to tackle Natural Disasters.

Choose One Creative Task:
(Choose either A or B)

A. 3 D collage and poster Activity:

Make a chart or 3 D collage of ENDANGERED SPECIES of SIKKIM.

Also create a Poster on 'How Sikkim uses Science to tackle natural disasters'.

OR

B. Create a working model of a mini Hydroelectric dam using water flow and a dynamo (using simple circuit with LED)

Marks will be awarded for research, creativity, effort, and neatness.

SUBJECT-SANSKRIT (122)

निर्देश - * सभी कार्य सुंदर व स्व हस्त लिखित होना चाहिए।

*परियोजना कार्य के कवर पेज में अपना नाम , कक्षा , वर्ग , अनुक्रमांक तथा अध्यापक का नाम भी लिखें ।

* कार्य करने के लिए A4 साइज शीट का प्रयोग कर सकते हैं ।

PART-A

1 . क्त्वा, तुमुन् एवं ल्यप् प्रत्यय के 10 -10 उदाहरण अपनी पाठ्य पुस्तक में से चुनकर संस्कृत की उत्तर पुस्तिका में लिखिए ।

2 . स्वर संधि के पांचो भेदों (दीर्घ , गुण, वृद्धि ,यण् और अयादि) के 10-10 उदाहरणों को अपनी संस्कृत के उत्तर पुस्तिका में लिखिए

PART-B

परियोजना कार्य

**** सिक्किम** की जनता के मुख्य खानपान की जानकारी ।

*साथ ही **सिक्किम** में बसे लोगों की वेशभूषा अर्थात् उनकी पोशाक की भी पूरी जानकारी एकत्रित कर संस्कृत भाषा में सचित्र लिखिए ।

SUBJECT-FINANCIAL MARKET

PART A:

GENERAL INSTRUCTIONS:

1. Attempt all questions.
2. Take a printout and paste it in your register.
3. Submit Thinksheet and Project on 01/07/2025.

Section A: Thinksheet

Q1	Explain any two factors affecting perspectives in communication.
Q2	State any two significance of communication..
Q3	Explain any two limitations of barter exchange.
Q4	Why was metal chosen for making coins?
Q5	How did the early form of money transition from barter system to the plastic currency take place?

Section B: Project

Topic: Evolution of Money

1. Front page (Name, class, section, roll no., topic name, session, mentor)

2. Acknowledgement

I, _____, do hereby declare that this project is my original work and I would like to extend my sincere and heartfelt thanks towards all those who have helped me in making this project. Without their active guidance, help, cooperation and encouragement, I would not have been able to present the project on time.

I extend my sincere gratitude to my Director Principal Dr. Anju Mehrotra and my 'Introduction To Financial Market' teacher Mrs. Bhoomika Sahni for their moral support and guidance during the tenure of my project.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents and other faculty members of the school for their valuable suggestions given to me in completing my project.

I would also like to thank CBSE for giving us an opportunity to widen our knowledge base by introducing this topic of study and my school for giving us this subject option.

DATE

SIGNATURE OF INTERNAL EXAMINER

SIGNATURE OF EXTERNAL EXAMINER

1. CERTIFICATE

THIS IS TO CERTIFY THAT _____, A STUDENT OF CLASS IX HAS SUCCESSFULLY COMPLETED THE RESEARCH ON THE PROJECT, _____ UNDER THE GUIDANCE OF MRS. _____ DURING THE YEAR 2025-26 IN FULFILLMENT OF 'Introduction To Financial Market' PRACTICAL EXAMINATION CONDUCTED BY AISSE, NEW DELHI.

DATE

SIGNATURE OF STUDENT

- 2. Index**
- 3. Main Content (10-12 page)**
- 4. Conclusion**
- 5. Report (My Experience)**
- 6. Bibliography**
- 7. Teacher's Remarks**

SUBJECT-HEALTH CARE(413)

The below mentioned activities to be conducted and recorded in the practical file.

1. Students will enlist all the services and equipment used in medical room of school and prepare a report on it.
2. The students will prepare pamphlets/flyers of different situations on daily life with suitable safety practices that should be followed in that given situations to create awareness among students .
3. Students will enlist the essential components of primary health care.
4. The students will make report about colour code for disposal of biomedical waste.

SUBJECT-INFORMATION TECHNOLOGY

Cyber Safety Blog/Newsletter

Objective:

To make students aware of Cyber Safety issues and encourage them to express their understanding creatively through a blog article or a newsletter.

Instructions:

1. Choose any one format:

- Write a blog post (informal, engaging, online style)
- OR design a newsletter (formal, informative, school magazine style)

2. **Length:**

- Minimum 300 words, maximum 500 words

3. Topics to Choose From (Pick any one or combine two topics creatively):

- Importance of Cyber Safety in Daily Life
- How to Create Strong Passwords and Stay Protected
- Dangers of Oversharing on Social Media
- Cyberbullying: How to Identify and Respond
- Phishing and Online Scams: Tips to Stay Alert
- Protecting Your Digital Footprint
- How Hackers Target Teenagers — and How to Stay Safe
- Role of Two-Factor Authentication and Encryption
- Laws and Rights Related to Cybercrime in India

4. **Must Include in Your Work:**

- A catchy title
- An engaging introduction
- At least one real-life example or recent case
- Five Safety Tips or Guidelines
- Conclusion with a strong message or call-to-action
- One creative element (like a meme, infographic, slogan, or cartoon)

5. **Format:**

- Use simple and clear language.
- Break your writing into small paragraphs.
- Use bullet points where needed.
- Add 1–2 visuals (hand-drawn or digitally created) if possible.
- If writing as a newsletter, divide it into sections (e.g., Introduction, Main Story, Quick Tips, Fun Fact, Conclusion).

6. **Submission:**

- Handwritten on A4 sheets

- OR typed and printed (if possible)
- Decorate neatly but keep it readable.
- Real-life research (like mentioning a true news incident)
- Designing an attractive template/layout (for newsletter)