



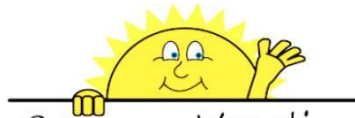
**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

**KALKA PUBLIC SCHOOL**

**ALAKNANDA**



Summer Vacation

**Summer Holiday Homework**

**CLASS X (Session 2026-2027)**

***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, 2026

Wishing you a blissful summer vacations ahead!

Best Regards,

**Dr Anju Mehrotra (Director / Principal)**



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

### **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 four parts-(A) Subjective that includes subject specific assignment , (B) Multidisciplinary Project with Art Integration , (C) Project for (D) “My Facebook”.
- Read the instructions carefully under each Part and submit it accordingly.

### **SUBMISSION OF HOLIDAY HOMEWORK**

**The last date of submission of the Homework is 7th July, 2026. Do all the Parts/Project work, as directed.**



## **PART A (Subjective)**

This part consists of subject specific assignment that needs to be done in subject notebook or as specified in the instructions

### **SUBJECT- ENGLISH (101)**

<https://docs.google.com/document/d/1klPLsunVgitm0XhMEWkwXLxQxoJz3ShI/edit?usp=sharing&oid=109213868068969104880&rtpof=true&sd=true>

### **SUBJECT-MATHS(041)**

<https://drive.google.com/file/d/1LAs1SZC49Kp97Hu5RR8a9BTtoLVOhUyT1/view?usp=drivesdk>

### **SUBJECT-SCIENCE (086)**

[https://docs.google.com/document/d/1MAzwMy009hrHgWI4-sxcN9f2OmHjEojU/edit?usp=drive\\_link&oid=109213868068969104880&rtpof=true&sd=true](https://docs.google.com/document/d/1MAzwMy009hrHgWI4-sxcN9f2OmHjEojU/edit?usp=drive_link&oid=109213868068969104880&rtpof=true&sd=true)

### **SUBJECT-SOCIAL SCIENCE (087)**

[https://drive.google.com/drive/folders/13jKUEVwQfLR6LYIKME7hB0ldKcpS8oUC?usp=drive\\_link](https://drive.google.com/drive/folders/13jKUEVwQfLR6LYIKME7hB0ldKcpS8oUC?usp=drive_link)

### **SUBJECT-FINANCIAL MARKET**

[https://docs.google.com/document/d/1BpL\\_S--Si5c27uwja3CO04gb74696SOh/edit?usp=drive\\_link&oid=117547112875964118286&rtpof=true&sd=true](https://docs.google.com/document/d/1BpL_S--Si5c27uwja3CO04gb74696SOh/edit?usp=drive_link&oid=117547112875964118286&rtpof=true&sd=true)

### **SUBJECT-ARTIFICIAL INTELLIGENCE**

<https://docs.google.com/document/d/1h79pxaEWvFmXvoulWafjyelFnKwMblhT/edit?usp=sharing&oid=109213868068969104880&rtpof=true&sd=true>



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

## **PART B (Art integrated)**

### **INSTRUCTIONS:**

- 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 : 2026-27
  - (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



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

---

## **SUBJECT- ENGLISH (101)**

**Theme: Sikkim – A Journey Through Words**

CBSE encourages students to celebrate India’s diversity through language, art and imagination. This year, explore the beauty, culture, lifestyle and natural charm of Sikkim through your English project.

Prepare any ONE project:

**Option 1: Newspaper Creation**

Create a colourful newspaper titled:

**“Sikkim – A Journey Through Words”**

You may include:

- News reports on Sikkim
- Culture, festivals and traditions
- Food, dress and lifestyle
- Tourist attractions
- Eco-friendly living in Sikkim
- An imaginary interview with a local person
  
- Creative headlines, slogans or advertisements

OR

**Option 2: Travel Blog**

Write a creative travel blog titled: **“My Imaginary Journey to Sikkim”**

You may include:

- Places you visited
- Food you tasted
- People you met
- Culture and traditions
- Natural beauty of Sikkim
- Message on keeping Sikkim clean and green
- Pictures, sketches and captions
- Make your project original, attractive and informative.



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

## SUBJECT-HINDI(085)

निर्देश:-

1. छुट्टी का कार्य हस्तलिखित होना चाहिए।
2. चित्रों, दृष्टान्तों आदि का प्रयोग आवश्यक है।

( परियोजना कार्य )

- 1 . सिक्किम और उसके पड़ोसी राज्यों के हस्तशिल्प और लघु उद्योग  
सिक्किम और उसके पड़ोसी राज्यों के हस्तशिल्पों और लघु उद्योगों के बारे में पूर्ण विवरण के साथ - साथ उनके निर्माण को चित्रों के माध्यम से दर्शना एवं दिल्ली के हस्तशिल्पों और लघु उद्योगों से तुलनात्मक अध्ययन करना है ।  
परियोजना कार्य A-3 सीट पर किया गया हो ।
2. अपने मित्रों रिश्तेदारों के साथ बिताए पलों की यादों को फोटो चिपकाकर कोलाज बनाएं ।
3. आज समय है कि हम पानी की कीमत समझे, यदि जल व्यर्थ रहेगा ,तो आने वाले समय में पानी की कमी एक महा संकट बन जाएगा । इसी व्यर्थ बहते जल को हमें बचाना है, क्योंकि एक - एक बूंद कीमती है । इस विषय पर एक आकर्षक विज्ञापन लेखन चित्र के साथ बनाइए ।
4. अटल इनोवेशन मिशन तथा पीएम विद्यालक्ष्मी योजनाओं के विषय पर पर अनुच्छेद लेखन करें ।
5. अपनी पसंद की कहानियों को किसी भी हिंदी अखबार से पढ़ें एवं उन कहानियों से शिक्षा लेकर अपने आप एक कहानी का निर्माण करें । जिसमें अधिक से अधिक मुहावरों का प्रयोग किया गया हो ।



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

---

## **SUBJECT-MATHS(041)**

**CBSE encourage students to connect mathematics with real life, culture, environment and creativity. This year, explore the beauty of SIKKIM through numbers, patterns, measurements, data handling and geometry.**

**Discover how mathematics exists in the mountains, monasteries, rivers, traditional art, tourism, transport and daily life of Sikkim**

**Project Title: “Mathematics in Sikkim – Numbers Around the Himalayas “**



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

## SUBJECT-SCIENCE (086)



Sikkim has been actively engaged in various science and technology initiatives aimed at addressing regional challenges and promoting sustainable development.

Prepare a **Scientific Research Project** on climate change and study on glacier dynamics in Sikkim which will help to understand the impacts of climate change on glacier retreat and its implications for local ecosystems and communities. Support it with pictures and statistics.



## SUBJECT-SOCIAL SCIENCE (087)

### **“Green Sikkim, Clean Sikkim”**

Create a 3D model showing how Sikkim promotes sustainable tourism with clean villages, plastic free zones, organic farming and eco hotels.

#### **Model Features:**

- . No Plastic Zone
- . Solar powered tourist huts
- . Waste segregation system
- . Ropeway/ cable car model



*Green Sikkim Clean Sikkim*

**OR**

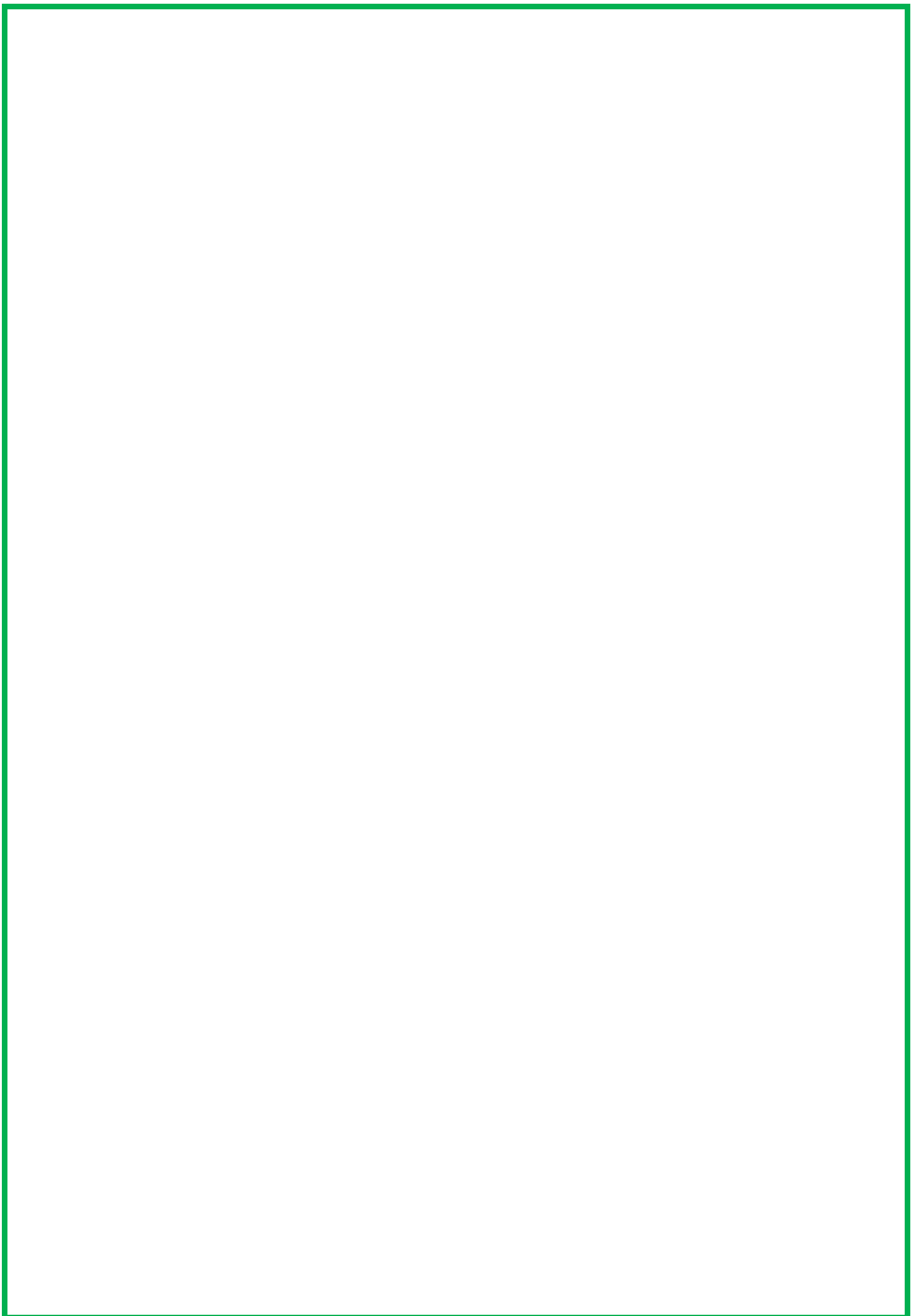
### **Project- “Traditions That Inspire: Sikkim”**



The traditions of Sikkim teach us unity, peace, respect for culture and love for nature. These inspiring traditions make Sikkim one of the most unique and beautiful states of India.

#### **Key Features of Project**

- . Rich Cultural Diversity
- . Traditional Festivals
- . Monasteries and Spiritual Traditions
- . Traditional Music and Dance
- . Traditional Food and cuisines
- . Respect for Nature





## 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।

(संस्कृत 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 का परिचय कला, संस्कृति, वास्तुकला की तुलना करेंगे, जिससे हम इनके बीच संबंध और विविधता को समझ सकें।

1. दिल्ली और सिक्किम का परिचय \* \* दिल्ली \* ऐतिहासिक और आधुनिकता का संगम, भारत की राजधानी। सिक्किम प्राकृतिक सौंदर्य बौद्ध संस्कृति और जैव विविधता से समृद्ध राज्य।
2. कला और वास्तुकला - दिल्ली मुगल ब्रिटिश और आधुनिक भारतीय वास्तुकला (लाल किला, कुतुब मीनार, इंडिया गेट )।

सिक्किम - बौद्ध मठों की स्थापत्य कला (रूमटेक मठ, पेमा यांगत्से मठ)।

1. आइए संस्कृत के बारे में जानें कि किस प्रकार संस्कृत भारत और भारतीयों की आधारशिला है। भारत के विभिन्न शिक्षण संस्थान एवं सरकारी विभागों के संस्कृत आदर्श वाक्यों को संकलित करें जैसे -

- सत्यं शिवं सुंदरम् - दूरदर्शन
- सत्यमेव जयते - न्यायालय
- असतो मा सद्गमय - केंद्रीय माध्यमिक शिक्षा बोर्ड

ऐसे बहुचर्चित 10 संस्कृत आदर्श वाक्य एवं उसके विभाग को लिखकर संबंधित प्रतीक चिन्ह (Logo) को सचित्र बनाएं। 2. " पर्यावरण सुरक्षा जीवन रक्षा " से संबंधित संस्कृत में 10 से 15 वाक्यों का एक अनुच्छेद लिखिए अनुच्छेद लेखन में पर्यावरण सुरक्षा से संबंधित चित्र भी लगाएं।



## SUBJECT-FINANCIAL MARKET(405)

### **Topic: Comparison and Analysis of TWO Mutual Funds**

- 1. Front page (Name, class, section, BOARD 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

### **CERTIFICATE**

THIS IS TO CERTIFY THAT \_\_\_\_\_, A STUDENT OF CLASS X 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

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

**PROJECT 2<sup>nd</sup> :- Any One SDG Goal On State "Sikkim"**



## **SUBJECT-HEALTH CARE(413)**

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

1. The students will enlist the roles and functions of various departments, professionals and supportive staff of hospital in file.
2. Students will assume them as Health Care Staff and prepare cards for them by denoting the good qualities they should possess as GDA.
3. As health care provider the students will prepare diet chart for patients with following conditions
  - a) Diabetes
  - b) Hypertension
  - c) Pregnancy
  - d) Anaemia
  - e) Elderly
4. Students will prepare a pamphlet on prevention of microorganisms.



## SUBJECT-ARTIFICIAL INTELLIGENCE(417)

1. Watch any movie about artificial intelligence or robotics. Prepare a promo-trailer of the movie.
  - a. Trailer should be in video file format
  - b. Use any software to make the trailer
  - c. Any clip from the movie may be used
  - d. Any sound track may be used
  - e. The duration of the clip should be 1-1.5 minutes.
  - f. Students will have to create their own composition.
  - g. Students are allowed to pick material from external sources, but have to mention the source name.
  - h. The final artwork should not be nsfw
  - i. Plagiarism should be a definite criterion for disqualification.
  - j. NOTE: Submission in soft copy. Email the soft copy at: comp.deptt.kps@gmail.com (subject of mail should contain your name, class and section)



## **PART C (KAUSHAL BODH)**

(MANDATORY)

### **PROJECT- EARTH SATHI**

(Theme: "Science for Sustainable Living")

Instructions;

1. Students will prepare one working scientific model related to any SDG.
2. The model should demonstrate practical application of science in solving environmental or social challenges. Suggested SDG Themes:
  - (a) Clean Water & Sanitation
  - (b) Affordable and Clean Energy
  - (c) Climate Action
  - (d) Sustainable Cities
  - (e) Good Health & Well-being
  - (f) Responsible Consumption
  - (g) Life Below Water / Life on Land

Some Examples of Models are

1. Smart Irrigation Model using Sensors
2. Plastic Waste Segregation and Recycling System
3. Air Pollution Control Device
4. Water Purifier using Natural Material
5. Hydroponics Farming Model



**KALKA PUBLIC SCHOOL**

ALAKNANDA, KALKAJI, NEW DELHI - 110019

Ph. : 011-26274952, 26274080, 41563733

## **PART D (Creative Experiential Corner)**

### **Task: Create Your Own Facebook Page**

Students will create a Facebook-style page to express their daily thoughts, emotions, memories, and experiences in English or Hindi

Write 10 creative posts during the vacation on topics like:

- Today I feel...
- A moment that made me smile
- A memory I will never forget
- Something I learnt today
- My mood in one sentence
- A person who inspires me
- A place that gives me peace
- One thing I am grateful for
- A dream I wish to achieve
- My message to the world

### **Instructions:**

- Use simple, expressive English.
- Add pictures, captions, quotes, hashtags, or emojis.
- Keep the content original.
- Maintain a neat and creative presentation.

### **Submission:**

Submit it in the form of a scrapbook designed like a Facebook page.