# Mukand Lal Public School

**Sarojni Colony, Yamunanagar**

AFFILIATION NO:- 530294    SCHOOL CODE :- 40279
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# Holidays Homework

## Class-VIII (2025-26)

Dear Children

Greetings

Summer vacations are always exciting and overwhelming. Isn't it so? This is the time to take a break from the set routine, explore new interests, hobbies and reconnect with the loved ones.

During vacation you must engage in activities that stimulate your curiosity, broaden your horizons and expand your knowledge. Read books that ignite your creativity. Challenge yourself to learn something new, push your boundaries- whether it's learning a musical instrument, mastering a new sport or developing artistic skills, this is your time to shine and unlock your full potential.

Take care of your health. Go for a walk every day . Do exercise. Help your parents in household chores. Show that you care for them. Spend quality time with your grandparents. Listen to the beautiful stories of their past. Learn games that they used to play.
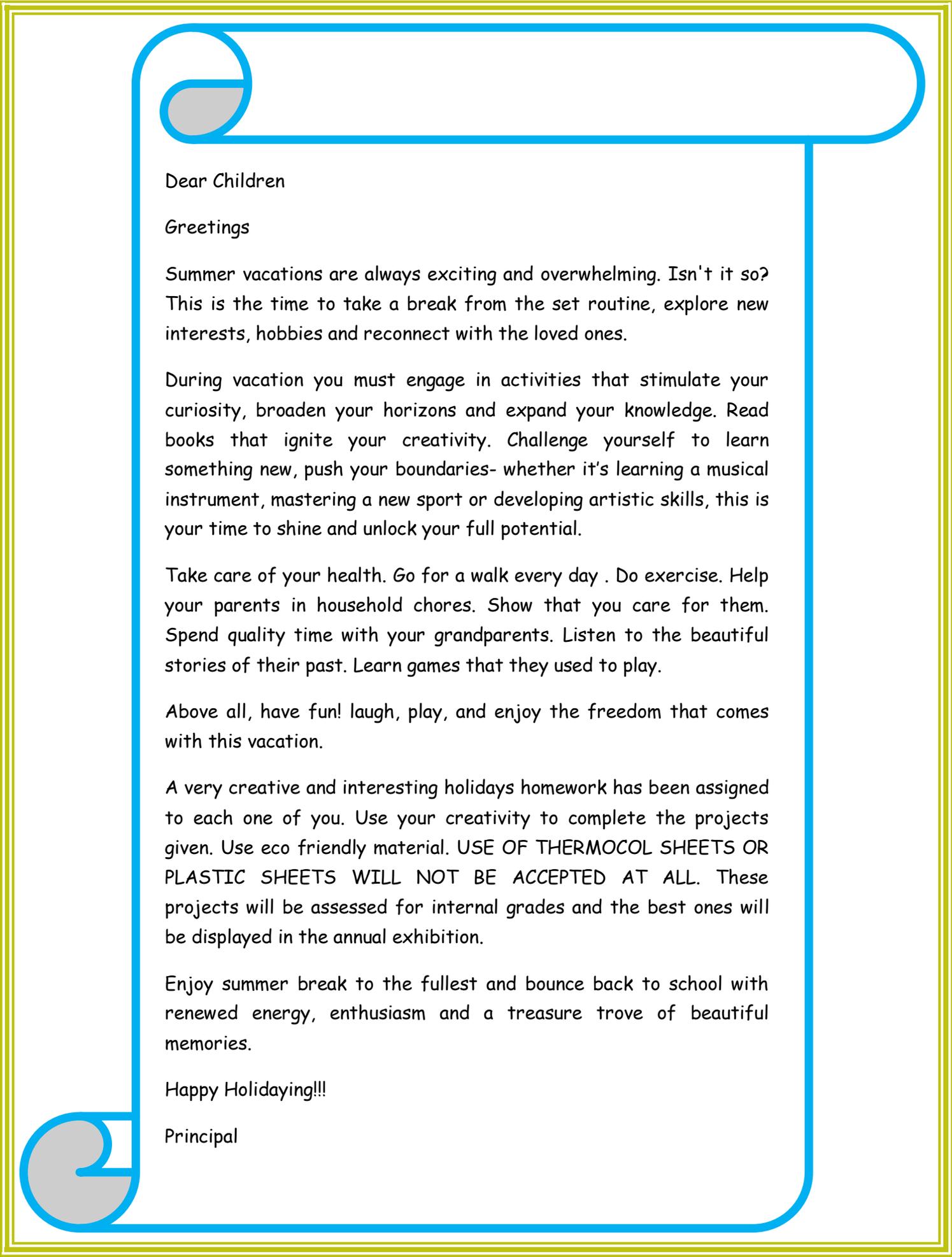
Above all, have fun! laugh, play, and enjoy the freedom that comes with this vacation.

A very creative and interesting holidays homework has been assigned to each one of you. Use your creativity to complete the projects given. Use eco friendly material. USE OF THERMOCOL SHEETS OR PLASTIC SHEETS WILL NOT BE ACCEPTED AT ALL. These projects will be assessed for internal grades and the best ones will be displayed in the annual exhibition.

Enjoy summer break to the fullest and bounce back to school with renewed energy, enthusiasm and a treasure trove of beautiful memories.

Happy Holidaying!!!

Principal

# Homework

## Engrossing English

*Anthology of 5 Indian Poets:-* Prepare a mini-anthology booklet featuring 5 renowned Indian poets. Your anthology must include: A decorated cover page with the title. A short introduction of each poet (50–80 words). One famous or representative poem by each poet. Your personal response or reflection for each poem (2–3 sentences). A table of contents and bibliography

Suggested Poets: Rabindranath Tagore, Sarojini Naidu, A.K. Ramanujan, Kamala Das, Nissim Ezekiel (or others of your choice)

Paste pictures of poet and use easy-to-read fonts.

## Let's talk about International affairs

❖ *Roll No 1-6*

1. **Poster Making**:
   - Topic: "Environmental Issues and Their Impact"
   - Task: Create a colorful poster that illustrates a specific environmental issue (e.g., deforestation, plastic pollution) and suggest possible solutions and prepare a research article on the same.

❖ *Roll No 7-12*

2. *Research Article Summarization*:
   - Task: Read News item from English newspapers related to global security (e.g., terrorism, cyber security) and summarize it in your own words (1-2 pages). Paste the pictures in your scrap books. Write your feelings about the same

❖ *Roll No 13-18*

3. *International Trade Presentation*:
   - Topic: "Impact of International Trade on Developing Countries"
   - Task: Prepare a PowerPoint presentation discussing the pros and cons of international trade for a specific developing country like (Nepal and Bhutan) including statistical data and case studies.

❖ *Roll No 19-24*

4. *Research Project on Global Security*:
   - Topic: "Cyber Security: Threats to National Security"
   - Task: Conduct in-depth research about cyber threats and how countries like (USA and Russia)can collaborate to enhance security measures, concluding with some policy recommendations (5-7 pages). Also represent it in the form of bar graph.

❖ *Roll No 25-30*

5. *Environmental Policy Analysis*:
   - Topic: "Comparative Study of Environmental Policies in Two Countries"
   - Task: Take two countries USA and RUSSIA with differing environmental policies and analyze their impact on sustainability practices (5-7 pages).

❖ *Roll No 31-36*

6. *Essay Writing*
   - Topic: "The Future of Global Cooperation in Solving Environmental Issues"
   - Task: Write an essay discussing how global cooperation can address environmental issues, citing current examples and potential future strategies (3-5 pages).

7. **\*Global Issues Case Study\***

 - Conduct a case study on a historical event related to MUN themes, analyzing the outcomes, key players, and lessons learned for modern diplomacy.

## हर्षाति हिंदी

❖ *R.N.1-10 :* महाभारत के मुख्य आवरण ( book cover)की काल्पनिक व मौलिक संरचना कीजिए।

❖ *R.N.11-20 :* विभिन्न नवीन रोजगारों की सचित्र जानकारी एक वाल हैंगिंग के माध्यम से प्रस्तुत कीजिए।

❖ *R.N. 21-30 :* महाभारत के सभी पर्वों( chapter )को सचित्र फ्लैश- कार्ड के माध्यम से प्रस्तुत कीजिए।

❖ *R.N.31 onwards :* आजकल सरकार द्वारा स्वरोजगार की उन्नति हेतु विभिन्न प्रकार की योजनाएं चलाई जा रही हैं। विद्यार्थियों को स्वरोजगार की ओर उन्मुख करने हेतु विभिन्न सुझावों को एक परियोजना कार्य के रूप में प्रस्तुत कीजिए।

सभी विद्यार्थी निम्नलिखित अभ्यास पुस्तिका के पृष्ठों को भी पूर्ण करेंगे-

➢ पृष्ठ -89,90- चित्र वर्णन

➢ पृष्ठ- 94,97- पत्र लेखन

➢ पृष्ठ- 101,102- संवाद लेखन

➢ पृष्ठ-108,109- अनुच्छेद लेखन।

## Stimulating Science

❖ *Roll no (1-5)*

 Make an obstacle detector based on any toy or robot by using arduino or sensor it will help blind person.

❖ *Roll no (6-10)*

 Make an automatic water tap using arduino or IR sensor to reduce the problem of wastage of water in our daily life.

❖ *Roll no (11-15)*

 Make a model of roads showing speed bumps which can be modified to generate electricity by converting kinetic energy of passing vehicles into electrical power.

❖ *Roll no (16-20)*

 Make project of smart fire safety for your school using sensors cameras and other technology to continuously monitor conditions and activities to detect deviation from safe parameters.

❖ *Roll no (21- 25)*

 Make a smart parking system to reduce congestion in parking areas and making maximum available space for vehicles.

❖ *Roll no (26-30)*

 Make model of our school as heading smart Mukund School using all digital innovations that we use in our school.

❖ *Roll no (31- 35)*

 Make model of smart irrigation system using sensors to control wastage of water and able to detect weather conditions.

❖ **Roll no (36 onwards)**

Smart waste segregator using sensors to demonstrate how digital technology (like sensors and micro controllers) can automate waste management to make cities cleaner.

## Majestic Mathematics

Do the assignment given in Maths Booster (Bharat publication)
- ➢ ch 1 Rational numbers
- ➢ ch 2 Simple equations
- ➢ ch 3 Understanding Quadrilaterals

## Significant Social Science

❖ **Roll no (1-5)**

Make a model of green urban planning showing green spaces community Garden and ways to enhance biodiversity and air quality

❖ **Roll no (6-10)**

Show through a model what innovations are expected in urban planning and smart cities over the next decade in transport system, traffic lights, parking, minimise pollution etc.

❖ **Roll no (11-15)**

Make a working model of vertical indoor farming.

❖ **Roll no (16-20)**

Make a model showing innovations happening in agriculture system.

❖ **Roll no (21-25)**

Make a model of smart village with latest infrastructure.

❖ **Roll no (26-30)**

Show the key aspects of e- governance through a working model.

❖ **Roll no (31 onwards)**

Make a model of rain harvesting- a water conservation technique

## Amazing Artificial Intelligence

❖ **(Roll no. 1 to 15)**

**Chatbot Creator** (Scratch/Block-based Coding) - Students have to create a simple chatbot using a platform like Scratch

*Hints*-

- o Project Idea: A chatbot that answers questions about a specific topic (e.g., facts about animals, historical events, a favorite book character). They would pre-program questions and answers.
- o Deliverable: The Scratch project link/file and a brief explanation of how their chatbot works and what challenges they faced.
- o Tools Used: Scratch, Machine Learning for Kids (an extension for Scratch).

❖ **(Roll no. 16 to 30)**

**AI Art Explorer** (Using Online AI Art Tools)- Students use a child-friendly AI art generator (like DALL-E Mini, Adobe Firefly, or similar safe online tools) to create images based on text prompts.

Students have to create a collage of their favorite AI-generated images with the prompts they used, and a short reflection on what they learned about AI's creativity and limitations.

*Hints*-

○ Project Idea: Create a series of images (e.g., "A robot dog playing in a futuristic park," "A space alien riding a bicycle on the moon").

○ Experiment with different descriptive words and see how the AI changes the output.

❖ **(Roll no. 30 onwards)**

**AI Ethics Story/Comic Strip: -** Students have to create a short story or comic strip that explores a simple ethical dilemma related to AI. Introduce the idea that AI, while helpful, can have consequences and raises important questions regarding ethical concerns of A.I (e.g., fairness, privacy, job displacement).

*Hints* :- The story/comic strip can cover the following ethical point related to A.I

○ A robot that makes a mistake because of biased training data.

○ A story about privacy concerns with facial recognition cameras.

○ A future scenario where robots do all the chores – what are the pros and cons?

## Artistic Arts

Boho Art on Jute. Follow given examples:-



## AIL

➢ **Social science:** Draw a comic story board and write a conversation between animals about their endangered situation.

➢ **Maths**: Plot a bar graph to show declined population of endangered animals in last two decades.

➢ **English:** Write an article on endangered species and also mention the organisations working to save them.

➢ **Science:** How natural and human factors exploit our wildlife? Present it through SlideShare.

➢ **Hindi:** लुप्त प्राय जीवो यथा डायनासोर, सफेद चीता, सफेद हाथी आदि को फ्लेश कार्ड के माध्यम से प्रस्तुत कीजिए।

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**Project Session 2025-26**

**EK BHARAT SHRESHTHA BHARAT**

Haryana is a pairing state of Manipur under the project Ek Bharat Shreshtha Bharat. Let's get acquainted with our partner state Manipur.

Name of Project:_____

Name of Student:_____ Name of Class Incharge:_____

Roll No. _____

Class & Section _____

Signature of Class Incharge:_____

Page 1

➢ Make a colourful & beautiful map of state of Manipur showing all districts.

Page 2

➢ Name of the state: Manipur

Capital:_____

No. of Districts: _____

Official language: _____

Literacy rate: _____

Sex ratio: _____

Largest river:: _____

Largest fresh water lake:: _____

Cash crops:_____

Major religions:_____

National highway: _____

Martial art:_____

Ancient musical instrument: _____

Average annual rainfall:_____

- Write the Anthem of Manipur. Explain the meaning of the same in English or Hindi.
- Write in short how did Manipur get it's name.
- ❖ *Roll no 1-20*
  Make a 3 D model of Kangla Gate- palace of Kangla, Imphal Manipur using can match sticks, bamboo sticks, cardboard, ice cream sticks, brown paper etc.
- ❖ *Roll no 21-42*
  Make emblem of Manipur flag on white cloth.

SUMMER BREAK