

Activity

Sacred Heart Convent International School  
Sarabha Nagar, Ludhiana

# SUMMER HOLIDAYS

# HOMework

Name: \_\_\_\_\_

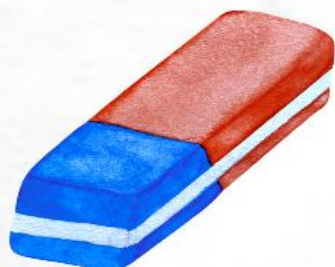


Happy

Summer

Holiday

#SummerTimeFun




# MESSAGE


Dear Students,


Congratulations! Another amazing term is complete, and now it's officially time for sunshine, snacks, naps, adventures, and all the summer fun! You've worked incredibly hard, learned so much, and made us super proud. Now it's your turn to relax, recharge, and enjoy your well-deserved break.


But wait... before you disappear into vacation mode completely, we've packed a little Holiday Homework for you! Don't worry – it's not here to spoil the fun. It's full of creative, interesting, and meaningful activities to keep your brilliant minds buzzing while you enjoy the holidays.

 Summer Survival Tips:

 Read something fun – storybooks, comics, magazines, or anything that sparks your imagination!

 Stay curious – ask questions, try new things, and explore the world around you.

 Play, laugh, and rest – summer is also about making happy memories with family and friends.

 Be a smart planner – finish your work little by little so there's no last-minute panic monster!

Most importantly, enjoy every moment, stay safe, drink lots of water, and come back with exciting stories, happy smiles, and lots of energy!

Happy Holidays & Have a Fantastic Summer! 🌴 ✨

*#SummerTimeFun*



## **The Mystery Holiday Box Challenge**

A mysterious box has arrived from the Holiday Memory Museum... and only YOU can unlock its secret! 🌍 ✨

Students will decorate a small box and place one meaningful holiday object inside. Before opening the box, they must give the class 2 clever clues and let everyone guess the hidden item. 🕵️

Once revealed, students will share the special holiday memory connected to it.

### **They Must Include**

- 🎉 Where the memory happened
- 😄 One funny or unexpected moment
- 💡 Why the object is important to them

### **Presentation Twist**

- 🕵️ A detective
- 🎤 A TV host
- 🏛️ A museum guide
- 🎬 A storyteller

### **Interesting Mystery Objects**

- 🎫 Ticket/pass
- 🐚 Seashell
- 📷 Photo
- 📄 Wrapper
- 🧸 Souvenir
- 🌸 Dried flower
- 🗝️ Keychain

 **Speaking Time: 1-2 minutes**

 **Evaluation Day: 07.07.2026**

# HOMWORK

# MATHS

## Dear learners

“Mathematics is not only about numbers; it is about discovering patterns in everyday life. Learn with joy, explore with curiosity, and create with imagination!”

Get ready to become a **SHOPKEEPER** of a **MINI GROCERY STORE** these holidays and create a comic strip including the following points:

## **ACTIVITY: THE MINI MARKET CHALLENGE**

- ✚ Enlist the conversation between the waiter and the customer in an innovative way
- ✚ Include about the ambience of the restaurant, place and environment
- ✚ Order the food items
- ✚ Bill receipt
- ✚ Checking of the bill as per you ordered
- ✚ Checking for the service tax and GST
- ✚ Filling the customer review card

## ✚ **Presentation Guidelines**

✚ Dear Learners, make your holiday homework bright, creative, and fun!

## ✚ **Your Work Should Include:**

- 🎨 **Colourful Presentation**
- 🖼️ **Pictures & Drawings**
- ✂️ **Creative Decoration**
- 📄 **Neat Handwriting**
- 📋 **Well-Organised Work**
- 💡 **Original Ideas**
- 📊 **Maths Accuracy**
- 😊 **Comic Style Fun**

A REFERENCE PICTURE HAS BEEN SHARED BELOW-



## Kabir & Kiara's HAPPY BITE CAFÉ

WHERE EVERY BITE TELLS A STORY!  
Multi-Cuisine Magic on Your Plate!

Good Food  
Good Mood  
Great Memories!

### Our Special Menu

#### ITALIAN TREATS

- Rainbow Pasta** ₹199  
Colorful pasta in cheesy white sauce
- Cheesy Pizza Volcano** ₹249  
Cheese burst pizza with tomato magic

#### MUGHLAI MAGIC

- Nawabi Biryani** ₹239  
A royal treat with fragrant basmati rice
- Butter Chicken Bliss** ₹229  
Creamy & buttery chicken delight

#### WORLD FAVOURITES

- Kabir's Super Burger** ₹189  
Loaded with veggies, cheese & fun!
- Kiara's Chocolate Lava Cake** ₹159  
Warm chocolate cake with a gooey surprise

#### COOL DRINKS & SIDES

- Mango Fizz ₹79
- Lemonade ₹69
- Masala Fries ₹89
- Garlic Bread ₹99

### TAKING ORDER!

1 Hello! Welcome to Kabir & Kiara's Café! What would you like to order?

2 Hmm... I want something delicious, colorful and totally worth it!

3 Great choice! May I suggest our Cheesy Pizza Volcano and Nawabi Biryani with Mango Fizz?

4 Perfect! Let's make it a combo of happiness!

Wow! This is amazing!

#### Chef's Special Note

We cook with love, serve with joy and add a dash of magic just for you!

#### TODAY'S SPECIAL COMBO

- Cheesy Pizza Volcano
- Nawabi Biryani
- Mango Fizz
- Chocolate Lava Cake

**₹699 Only!**

#### BILLING RECEIPT

Table No.: 7      Date: 25/05/2024

Item	Price (₹)
Cheesy Pizza Volcano	249
Nawabi Biryani	239
Mango Fizz	79
Chocolate Lava Cake	159
<b>Total</b>	<b>726</b>
<b>Paid Amount</b>	<b>1000</b>
<b>Change</b>	<b>274</b>

**Thank You!**  
Visit Again!

**THANK YOU FOR DINING WITH US!**  
Come Hungry... Leave Happy!

### Submission Format

Submit your work on an A4 sheet based on a fun and imaginable way.

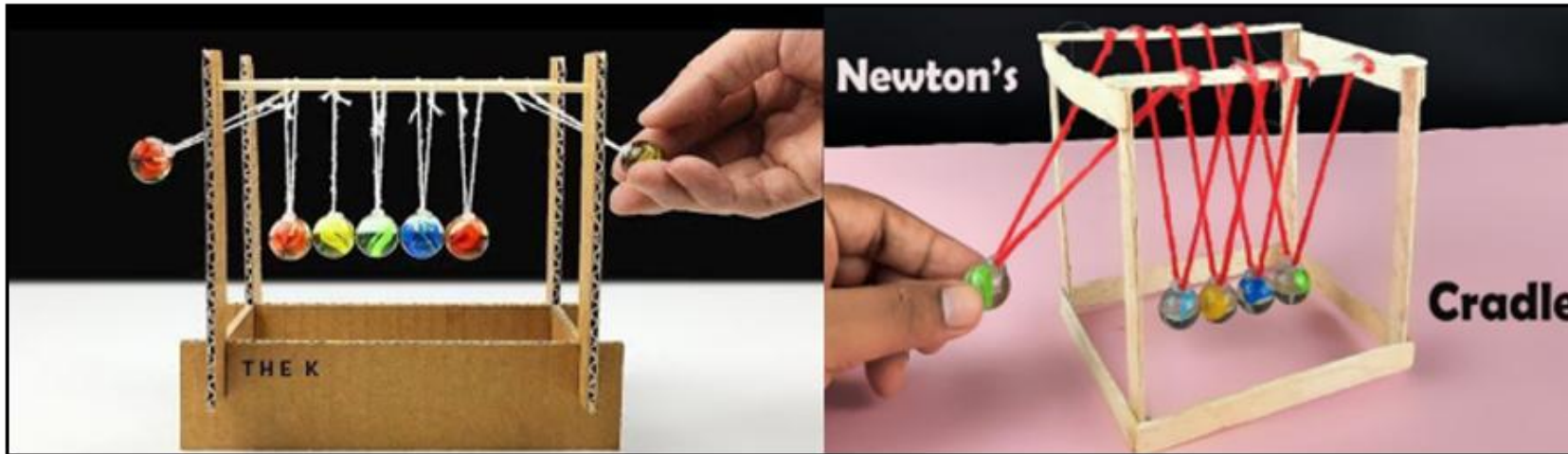
**Submission date:** 10<sup>th</sup> July 2026

**Learn with joy, create with imagination, and have fun with Maths!**

## TOPIC: ENERGY TRANSFER

### Aim

To make a simple Newton Cradle using waste materials and understand how energy transfers from one object to another.



### Materials Required

- Cardboard box or shoe box lid
- 5 small balls (thermocol balls / marbles / ping pong balls)
- Thread or string
- Ice cream sticks or straws
- Glue or tape, Scissors
- Colours / stickers for decoration

### Procedure

1. Make a stand using ice cream sticks or straws on the cardboard base.
2. Tie equal lengths of thread to the balls.
3. Hang the balls in a straight line so that they touch each other gently.
4. Fix the threads firmly to the stand using glue or tape.
5. Decorate your Newton Cradle with colours and stickers.
6. Pull one ball from one side and release it.
7. Observe how the last ball on the other side moves.

### Observation

- The moving ball hits the other balls.
- Energy passes through the middle balls and the last ball moves outward.
- The balls keep moving for some time.

### Investigation

- When one ball is released, its energy transfers to the next balls.
- Bigger pushes make the balls move more.
- Energy moves from one object to another through motion.

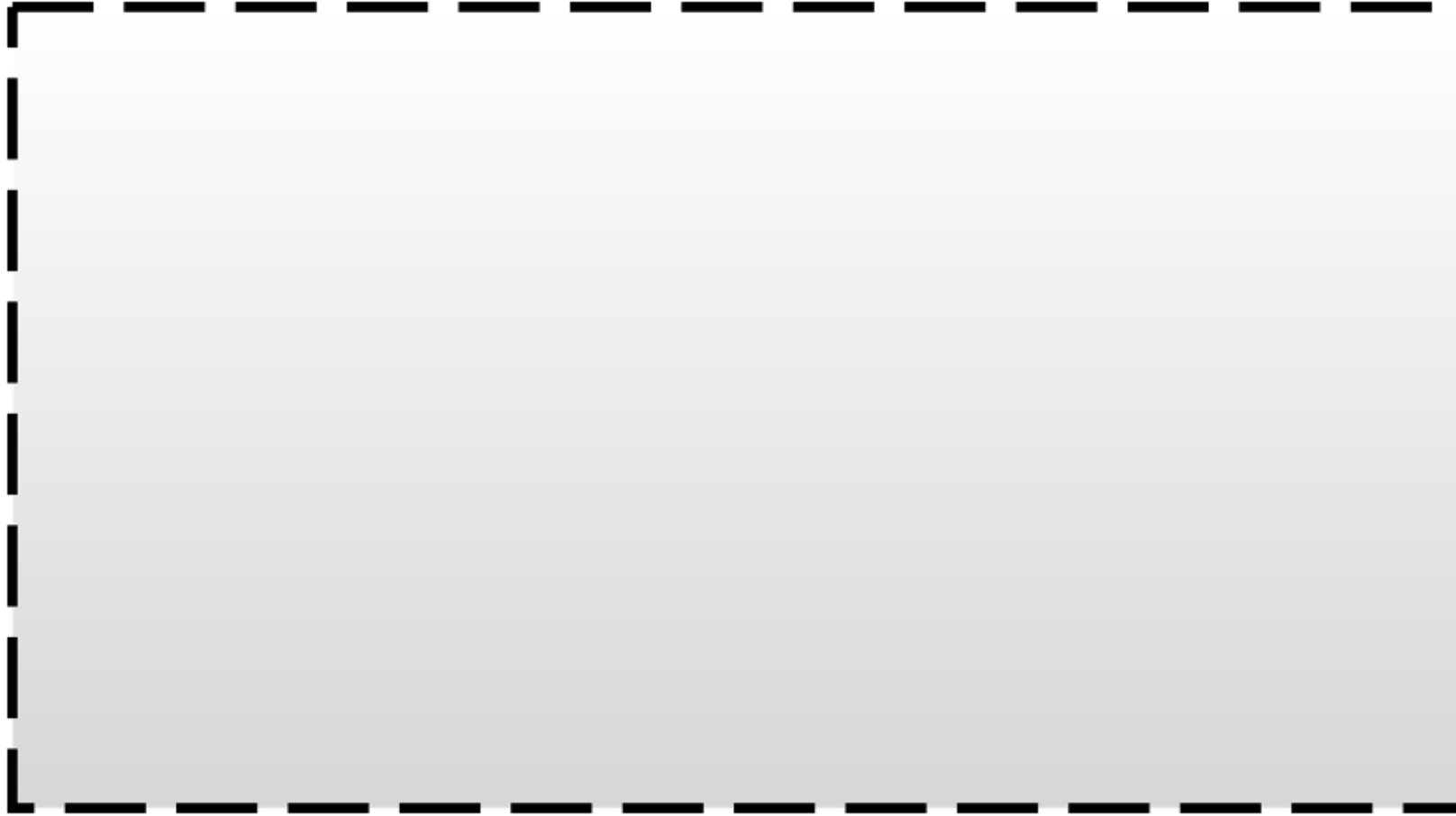
### Result

- Energy can transfer from one object to another.
- Motion energy is called kinetic energy.
- A Newton Cradle shows how energy travels through objects. ⚡

## MY OBSERVATION SHEET

Name: \_\_\_\_\_ Class: IV \_\_\_\_\_ Roll No. \_\_\_\_\_

1. Paste a picture of your Newton Cradle model in the box below:



2. Tick the correct option:

i. A Newton Cradle shows:

- a) Water cycle
- b) Energy transfer
- c) Plant growth
- d) Rainfall

ii. When one ball is released, the last ball:

- a) Stops moving
- b) Moves outward
- c) Breaks
- d) Disappears

3. What happens when one ball is pulled and released?

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4. What did you learn from this activity?

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# HOMWORK



## Young Coders Holiday Blast

Dear Students,

Get ready for an exciting summer full of creativity, coding, and fun with Scratch!

This holiday homework will help you become a young game designer and animator while improving your coding skills.

Use your imagination to create colourful and exciting projects using Scratch 3.0.

### **Project — Catch the Balloon Game**

#### **Task:**

Create a game where:

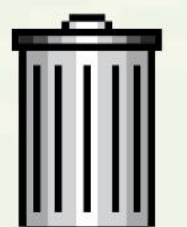
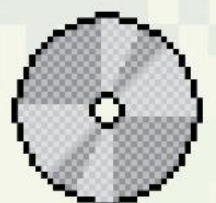
- A balloon moves continuously around the screen.
- The balloon bounces whenever it touches the edge.
- Another sprite tries to catch the balloon.

#### **You must use:**

- ✓ Move blocks
- ✓ Forever block
- ✓ If on edge, bounce
- ✓ Set rotation style

### **Submission Mode**

- ✓ Submit a printed hard copy containing:
  - Student Name
  - Class & Section
  - Screenshot of coding blocks
  - Screenshot of final project
  - 2–3 lines describing each project
- ✓ Arrange all pages neatly in a file/folder.



# HOMWORK

# SOCIAL STUDIES



“Save Water Awareness Wheel”

Students will make a colourful Water Awareness Wheel on a paper plate or chart sheet.

Divide the wheel into 4 sections showing:



Uses of water



Sources of water



Ways to save water



Water pollution



## Instructions:

Paste neat and colourful pictures only.

\* Write 1–2 simple lines in each section.

\* Label all pictures properly.

\* Decorate the borders creativity.

## Materials required



Big size paper plate.



Printed / cut pictures



Colours and decorative material.



**Date of Submission: 06 July**