

BHATNAGAR INTERNATIONAL FOUNDATION SCHOOL

GRADE 5 –SESSION 2025-26

SUMMER HOLIDAY PACKAGE



GENERAL INSTRUCTIONS :

1. DO ALL YOUR HOMEWORK AS PER THE INSTRUCTIONS.
2. PARENTS ARE REQUESTED TO ONLY GUIDE THEIR CHILDREN WHILE DOING THE HOMEWORK.
3. ORIGINALITY OF THE WORK WILL BE APPRECIATED.
4. HOMEWORK WILL BE ASSESSED ON THE BASIS OF NEATNESS(2 MARKS), CREATIVITY(2 MARKS) AND ORIGINALITY OF IDEAS(1 MARK).
5. STAY HYDRATED, CURTAIL SCREEN TIME , STAY AMIDST NATURE AS MUCH AS POSSIBLE ,DO YOGA AND PHYSICAL EXERCISES REGULARLY AND DO PLANT MORE AND MORE TREES.

English's HOLIDAY HOMEWORK

1) Book Review (A Critical Analysis)

INSTRUCTIONS:

- Read the book that you have chosen from the book list given below.
- Answer the questions that have been mentioned below. Do your critical analysis by reviewing the book that you have chosen on a big chart paper and make it creative, by sticking images or illustrating your favourite characters or happenings from the book.
- A sample of the same has been provided below. Kindly refer to the format accordingly.

Mentioned below are a few book publications. Kindly choose from the book list below.

- **"Charlie and the Chocolate Factory" by Roald Dahl**
- **"Matilda" by Roald Dahl**
- **"Percy Jackson and the Olympians: The Lightning Thief" by Rick Riordan**
- **"The Secret Garden" by Frances Hodgson Burnett**
- **"Bridge to Terabithia" by Katherine Paterson**

These books offer grade 5 readers a range of captivating stories filled with adventure, friendship, and imagination.

Guiding Questions for Analysis:

- Q.1 How did you imagine the characters while reading the book?
- Q.2 What according to you were the major plot events of the book?
- Q.3 Were there any themes or messages from the book that were emphasized upon ?
- Q.4 What elements from the book did you think were difficult to understand?
- Q.5 If you had to change the ending of the book, how would you change it?

SAMPLE REVIEW OF ROALD DAHL'S MATILDA

Q.1 How did you imagine the characters while reading the book?

Ans.1 While reading Matilda, I imagined Matilda as a small, clever girl with bright eyes and a curious smile. I pictured Miss Honey as a kind, gentle teacher who wore soft clothes and had a calm voice. Miss Trunchbull, on the other hand, looked scary in my mind; tall and strong with a loud voice and a frown that never went away. Matilda's parents seemed messy, rude, and always shouting.

Q.2 What according to you were the major plot events of the book?

Ans.2 The major plot events were:

1. Matilda teaching herself to read and solving big Mathematics problems.
2. Her parents ignoring her and treating her badly.
3. Matilda starting school and meeting Miss Honey.
4. Matilda gradually discovering her special powers.
5. Matilda using her powers to scare Miss Trunchbull and help Miss Honey get her house back.
6. Finally, Matilda getting adopted by Miss Honey and living happily.

Q.3 Were there any themes or messages from the book that were emphasized upon?

Ans.3 Yes, the book shows that being smart, brave, and kind can help you win even when things are tough. It also teaches us not to judge people by their size or age. Another poignant message is that bad people will eventually get what they deserve, just like Miss Trunchbull.

Q.4 What elements from the book did you think were difficult to understand?

Ans.4 Some parts about how Matilda's powers worked were a little hard to understand. Also, the story about Miss Honey's life and how her aunt treated her was a bit sad and confusing at first.

Q.5 If you had to change the ending of the book, how would you change it?

Ans.5 If I had to change the ending, I would let Matilda's parents realize how amazing she is and become better human beings. They could also visit Matilda and Miss Honey sometimes and see how happy she is. That way, everyone could have a happier ending.

MATHS MATHS ..EVERYWHERE ...!!!

Ques 1. Prepare a creative PowerPoint presentation on the following topics :

Roll no. 1 to 5	Maths and architecture
Roll no. 6 to 10	Maths in the kitchen
Roll no. 11 to 20	Amazing Symmetry
Roll no. 21 to 25	Maths in Entertainment

<u>DATE</u>	<u>CARBS</u>	<u>PROTEINS</u>	<u>VITAMIN</u>	<u>MINERAL</u>	<u>FATS</u>	<u>TOTAL POINT</u>
<u>..../5/25</u>						
<u>..../5/25</u>						
<u>..../5/25</u>						
<u>..../5/25</u>						
Roll no. 26 onwards			Maths in Disaster Management			

Ques 2 : Roll No. 1 to 32: .

You have been provided with an amount of 1 lakh.

a) Prepare a vacation plan for 4 days and 3 nights for 4 people.

Keep in mind every single detail and also prepare the map of the place visited.

b) Conduct a survey of your friends to find which kind of movie they like the most. Represent the information in the form of a bar graph.

Ques : Fill your personal details in the following format :

Also find the BMI (Body Mass Index) using the formula

BMI = Weight (in kg) _____ / height x height (in sq.m)

PERSONAL DETAILS	
NAME : _____	
GENDER : _____	
AGE: _____	
HEIGHT (IN M) : _____	
WEIGHT : _____ (KG)	
BMI : _____	

QUES : RESEARCH : BRING ANY TWO RECENT DISCOVERIES ABOUT MATHEMATICS – WRITE ON THE A4 SIZE SHEET

भटनागर इंटरनेशनल फाउंडेशन स्कूल
ग्रीष्मकालीन अवकाश कार्य (2025-26)

कक्षा-5

1. दिए गए अनुच्छेद को पढ़ो। इसमें आए संज्ञा शब्दों को सही भेद के नीचे लिखो।

सुनीता की बड़ी बहन सुषमा की शादी थी। उसने विद्यालय से एक सप्ताह की छुट्टी ले ली थी। घर में बहुत चहल-पहल थी। उसने अपनी खास सहेलियों रीमा, अंकिता और अनुराधा को इस अवसर पर आमंत्रित किया था। वह मेहमानों से नम्रता से बातें कर रही थी। सभी एक दूसरे से अपनापन प्रकट कर रहे थे। रसोइया शीघ्रता से पकवान बना रहा था। मंडप की सजावट देखते ही बनती थी।

व्यक्तिवाचक

जातिवाचक

भाववाचक

2. लिखित और मौखिक भाषा के उदाहरण लिखें।

लिखित भाषा -----

मौखिक भाषा -----

संवाद लेखन- (Dialogue Writing)

स्थिति: तुम अपने दोस्त से छुट्टियों की योजनाओं के बारे में बात कर रहे हो।

👉 6-8 पंक्तियों का संवाद (बातचीत) लिखो।

This image shows a blank sheet of white paper with ten horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and extend across the width of the page. There is no handwriting or other markings on the paper.

"पृथ्वी को प्रदूषण कैसे बचाएँ?" इस विषय पर 5 उपाय लिखें और चित्र बनाएं।

[illegible]

ચિત્ર બનાઓ – ચિત્ર અ-4 સાઈઝ શીટ પર બનાઓ :

EVS HOLIDAY HOMEWORK

TASK 1: THE EGG DROP CHALLENGE

Please Note - You may use a **water balloon** as an alternative for the egg.

- **AIM :** The aim of the Egg Drop Challenge is to design and construct a STEM-related mechanism that can protect a raw egg / Water balloon from breaking/ bursting when dropped from a specified height. This task encourages students to apply principles of engineering, physics, and problem-solving to create a protective structure using limited materials.

You all will be junior engineers at work! Have fun experimenting!

- **MATERIALS REQUIRED :**

1. Raw eggs / Water Balloon
2. Assorted building materials (such as popsicle sticks, straws, rubber bands, cotton balls, paper, cardboard, foam, balloons, etc.)
3. Adhesive materials (such as glue, tape, rubber cement etc)
4. Scissors or cutting tools (if needed)
5. Protective gear (optional but recommended, such as gloves or safety glasses)
6. Measuring tape or ruler
7. Testing area with a designated height for dropping the eggs (such as a staircase, balcony, or a ladder)

Please Note: The materials required may vary from person to person according to the mechanism that you have decided to make. The above mentioned materials are only suggestive and not compulsory.

- **PROCEDURE:**

1. **Introduction and Explanation:** The rules are simple, create a structure which will protect your egg/balloon from getting damaged when we make it fall from a great height. The structure should be able to absorb the impact of the fall to protect the egg. Make sure that your egg/balloon should be visible from at least 1 side. Do not completely cover it. It will be easier to see the results.
2. **Brainstorming and Planning:** Give some time to brainstorm ideas and plan the designs. Consider factors such as weight distribution, shock absorption, and structural integrity.
3. **Material Selection:** The materials will be selected according to your design. Use materials wisely and efficiently.
4. **Design and Construction:** Be creative and build your protective structures according to your plans.

5. **Testing Phase:** Once the designs are completed, start testing your structure. If the egg breaks or the balloon bursts, then figure out some other ways in which you could protect your egg/ balloon. Keep testing till you are successfully able to make a safe structure for the egg/balloon.

After your summer break, bring your structure to school and we will have a little friendly competition on whose structure was successful in keeping the materials safe.

WRITING TASK : THE EGG DROP CHALLENGE

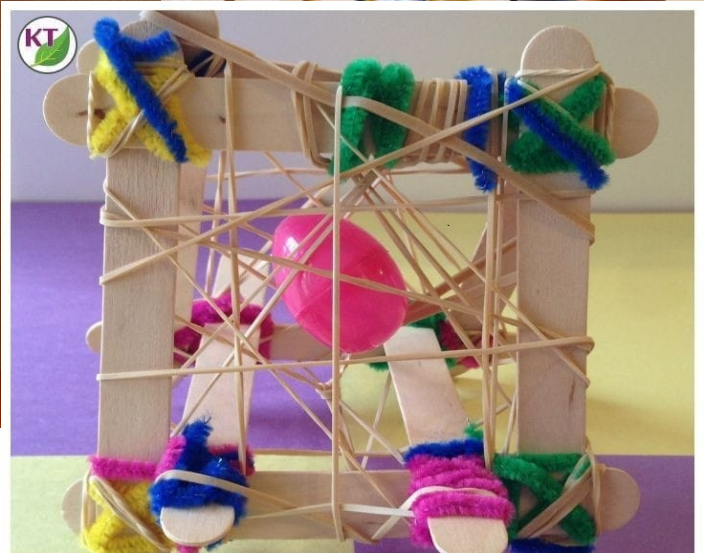
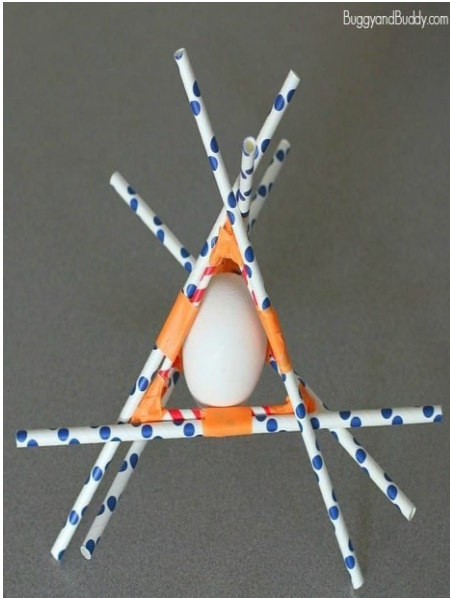
1. On an A4 sheet, write the following -
 - Aim
 - Materials used in your design
 - Procedure (what steps you used to make the structure)
 - Number of tests - How many tests failed and mention what changes you made to improve your structure.
2. **Extension Activities:** Research about the real-world applications of impact-resistant structures in engineering and design. Write your findings on an A4 sheet.

Sharing some video links and pictures for reference:

1. [1st place Egg Drop project ideas- using SCIENCE](#)
2. [Science Project - Egg Drop](#)
3. [Egg Drop Challenge | DIY with Zoe](#)
4. [Super Science - May 2022- Water Balloon Drop Experiment for K-5 \(5/1/22\)](#)
5. [The Bondic Egg Drop Challenge \(from our roof\)](#)
6. [Sycamore School / Middle School Egg Drop Challenge](#)



7. Egg drop challenge project



EGG-HANCED STEM CHALLENGE



TASK 2

"Echoes of the Past: Crafting Indus Valley Jewellery"

Introduction:

Welcome, curious historians and budding artisans! Before we dive into our creative endeavor, let's take a brief journey back in time to explore the fascinating world of the Indus Valley Civilization.

The Indus Valley Civilization, also known as the Harappan Civilization, flourished around 3300–1300 BCE in what is now modern-day Pakistan and northwest India. It was one of the world's earliest urban civilizations, boasting advanced urban planning, sophisticated drainage systems, and intricate trade networks. The people of this ancient civilization were skilled artisans, renowned for their mastery of craftsmanship in pottery, metalwork, and jewelry.

Now, it's your turn to step into the shoes of these ancient artisans and recreate the exquisite jewelry that adorned the people of the Indus Valley Civilization. Your task is to craft jewelry using clay, inspired by the designs and motifs found in archaeological discoveries from this era.

Instructions:

1. Materials Needed:

- Air-dry clay
- Rolling pin
- Clay sculpting tools (optional)
- Paints or markers
- Paintbrushes
- Thread or thin cord (for threading the jewelry)
- Reference images of Indus Valley jewelry for inspiration

2. **Design Inspiration:** Spend some time researching the jewelry designs of the Indus Valley Civilization. Look for motifs such as geometric patterns, animal figures, and floral motifs commonly found in artifacts from this period. Take note of the materials used and the techniques employed in crafting these ancient treasures.

3. **Clay Crafting:**

- Roll out the air-dry clay to your desired thickness.
- Use clay sculpting tools or your hands to shape the clay into beads, pendants, earrings, or any other jewelry pieces you wish to create.
- Pay attention to detail as you add decorative elements and intricate designs to your clay jewelry, drawing inspiration from the artistry of the ancient Indus Valley artisans.

4. **Painting and Finishing:** Once your clay jewelry pieces have dried, use paints or markers to add color and detail to your designs. Refer to your research on Indus Valley motifs to guide your painting.

Allow the paint to dry completely before moving on to the next step.

5. **Assembly:**

- Thread your clay, beads or pendants onto the thread or cord, creating necklaces, bracelets, or anklets.
- Secure the ends of the thread or cord to create wearable pieces of jewelry that showcase your creativity and homage to the ancient Indus Valley Civilization. Through this task, you'll not only explore the rich history and artistic legacy of the Indus Valley Civilization but also unleash your own creativity in bringing ancient designs to life. Have fun, and let your imagination soar as you embark on this journey into the distant past!



COMPUTER

Take photo during your holiday and create a digital collage or an album and write caption .(Power Point)

Color Print out to be pasted in computer notebook.

Tools that will be used –

- 1- Page colour
- 2- Page border
- 3- Word art
- 4- Text Style
- 5- Text Colour
- 6- Shapes
- 7- Alignment
- 8- Clip Art



ART AND CRAFT

1. Draw a poster on save earth on a A4 Size sheet using oil pastel colours.

(For Reference picture is attached)



2. Make different types of flowers using quilling paper

3. Best out waste make a4 size folder.

