



**BANYAN TREE SCHOOL, LODHI ROAD
HOLIDAY HOMEWORK (2026-2027)
CLASS-VII**

ENGLISH

Complete the projects given to you on A4-sized sheets. You can use your creativity to incorporate things/items/materials that are easily available at home. Put your holiday homework in an illustrative portfolio folder with an eco-friendly cover.

**RESEARCH WORK: ANIMAL BRAVERY
(ATTEMPT ANY ONE)**

- I. A tsunami is a very large and powerful wave caused by earthquakes under the sea. On December 26, 2004, a tsunami hit Thailand and parts of India such as the Andaman and Nicobar Islands, and the Tamil Nadu coast. Many people believe that animals possess a sixth sense that can sense an approaching disaster long before the humans realise them. Some experts believe that acute hearing skills in animals help them to feel the earth's vibration. Take for example, The Yala National Park in Sri Lanka, where around sixty visitors were washed away during the tsunami in December 2004 but no animal carcasses were found, except two water buffaloes.

Surf the Internet and read stories of courage and survival. Use A4-sized coloured sheets to describe any two stories of animal bravery during tsunamis. Draw suitable figures/hand sketches in support of your story.



I. **BOOK-READ**

Read any two of the following books. Prepare at least three Finger puppets of any one of the story that you liked the most. Also, draw a book cover, mentioning the name of the story, the characters you liked and the name of the author. In addition, write in about 40-50 words what in the story inspired you the most. Paste the finger puppets on one corner of the sheet.

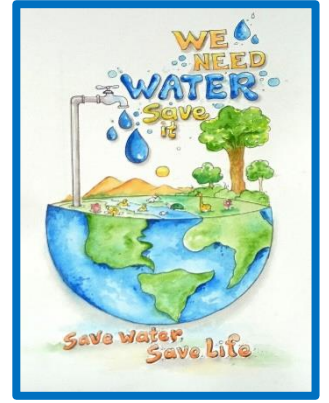
- *The Secret Garden* by Francis Hodgson Burnett
- *Grandma's Bag of Stories* by Sudha Murty
- *Matilda* by Roald Dahl
- *Gulliver's Travels* by Jonathan Swift
- *Around The World In Eighty Days* by Jules Verne



PROJECT WORK (PORTFOLIO): REUSE, REDUCE, RECYCLE

A lot of water can be saved in every household by following a few simple habits like keeping the tap closed while brushing teeth. Make one poster each on the topics: *Water: Our Lifeline* and *Celebrate Earth, Celebrate Life*.

Write at least two slogans/ quotes each on both the posters. Add suitable pictures. Get the posters laminated and bring them to the class when the school reopens. These posters should be used in class for craft work and as table mats, during school activities and events.



HINDI

1- “मेरा जीवन - एक कहानी” (आत्मकथा प्रोजेक्ट)

आपको अपनी जीवन-यात्रा को एक स्क्रीपबुक / चार्ट के रूप में प्रस्तुत करना है, जिसमें आपके जीवन के महत्वपूर्ण पल, अनुभव और सपने शामिल हों।

क्या-क्या शामिल करें?

1. मेरा परिचय

- नाम, जन्म तिथि, परिवार के बारे में जानकारी
- बचपन की यादें

2. मेरा विद्यालय जीवन

- स्कूल के अनुभव
- पसंदीदा विषय/शिक्षक
- उपलब्धियाँ

3. मेरी रुचियाँ और शौक

- खेल, कला, संगीत, पढ़ाई आदि
- आपकी खास प्रतिभा

4. मेरा सपना (Future Goals)

- आप क्या बनना चाहते हैं और क्यों
- अपने लक्ष्य तक पहुँचने की योजना

5. मेरी प्रेरणा

- कोई व्यक्ति या घटना जिससे आप प्रेरित हैं

कला समावेशन

- अपनी या परिवार की तस्वीरें चिपकाएँ
- मैगज़ीन/अखबार की कटिंग्स का उपयोग करें
- रंगों, स्केच पेन, स्टिकर्स से सजाएँ

2- “तत्सम-तद्भव शब्दों की चित्रकला”(Subject Enrichment Activity)

आपको तत्सम और तद्भव शब्दों के 8-10 जोड़े चुनने हैं और उन्हें चित्रों के माध्यम से प्रस्तुत करना है। कैसे करें?

- 8-10 तत्सम-तद्भव शब्दों के जोड़े लिखें
- हर जोड़े के साथ संबंधित चित्र बनाएं
- चित्र ऐसा हो जिससे शब्द का अर्थ स्पष्ट हो
- रंगों और रचनात्मकता का उपयोग करें
- साफ और सुंदर प्रस्तुति रखें

कला समावेशन

- स्केच पेन, रंग, क्रेयॉन का उपयोग करें
- कटिंग्स और स्टिकर्स जोड़ सकते हैं
- शब्दों को अलग-अलग बॉक्स में सजाएँ

MATHEMATICS

Wrack your brains! Here are 2 activities and a project for you to do-

Activity 1:

SKILLMATICS - Trash to Treasure

Design and present an original mathematics game using waste materials, with clearly defined rules, creatively incorporating one or more mathematical concepts in a sustainable way.

Roll no. 1- 10 : Topic – Arithmetic Expression

Roll no. 11- 20 : Topic – Integer

Roll no. 21 and above : Topic – Fraction

Criteria	Excellent (4-5 Marks)	Good (3-4 Marks)	Satisfactory (2-3 Marks)	Needs Improvement (0-1 Mark)	Marks Allotted
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Creativity & Innovation	Original work and imaginative idea with excellent and purposeful use of design and materials	Creative idea with good use of materials	Some creativity shown with limited use of materials	Limited creativity and unclear idea	/5
Mathematical Concept	Concept is clearly applied and accurate	Concept mostly correct with minor errors	Basic understanding shown	Concept unclear or incorrect	/5
Game Design & Rules	Rules are clear, engaging, and easy to follow	Rules are understandable with minor gaps	Rules are somewhat unclear	Rules missing or confusing	/5
Presentation & Effort	Neat, well-organised, visually appealing	Mostly neat with some effort	Average presentation	Untidy and incomplete	/5

Activity 2:

Fractions represent equal parts of a whole or a collection and thus, it plays a vital role in everyone's life.

Use circular shapes divided into fractions to construct either a bird/robot/rangoli.

Criteria	Excellent (4-5 Marks)	Good (3-4 Marks)	Satisfactory (2-3 Marks)	Needs Improvement (0-1 Mark)	Marks Allotted
Understanding of Fractions	Accurate division into equal parts; clearly shown	Mostly correct with minor errors	Some correct parts	Incorrect or unclear fractions	/5
Creativity & Design	Very creative and unique design	Creative design	Simple design	Very basic or copied design	/5
Use of Shapes & Accuracy	Shapes are precise and well-labelled	Mostly accurate shapes	Some inaccuracies	Poor or incorrect shapes	/5
Neatness & Presentation	Very neat, colourful, and well-finished	Neat with minor issues	Average neatness	Untidy work	/5

Project:

Empowering Sustainability: Exploring Electricity Consumption Through Mathematics

Introduction:

The sustainable use of resources is essential for a healthier and greener planet. In this project, you will use mathematical concepts to study electricity consumption at home. By collecting and analyzing data, you will understand how resources are used and explore ways to reduce wastage.

Presentation:

Prepare your project neatly on A4 size sheets (poster or report format).

Data Collection:

Collect your household electricity bills for the following months:

January, February, March, April, and May

Data Organization:

- Note down the units of electricity consumed for each month.
- Present this data in a table.

Statistical Analysis:

- Find:
 - Total consumption
 - Month with highest consumption
 - Month with lowest consumption
 - Average (mean) consumption

Bar Graph:

Draw a bar graph representing electricity consumption for the five months.

- X-axis: Months
- Y-axis: Units of electricity

Awareness Message:

Write a two-line slogan/message on: “Save Electricity”

Criteria	Excellent (4-5 Marks)	Good (3-4 Marks)	Satisfactory (2-3 Marks)	Needs Improvement (0-1 Mark)	Marks Allotted
Data Collection	All months included; accurate data	Minor missing/inaccuracy	Some data missing	Incomplete/incorrect data	/5
Data Organisation (Table)	Well-structured, clear table	Mostly clear table	Basic table	Poor or missing table	/5
Mathematical Calculations	All calculations correct (total, mean, etc.)	Minor errors	Some correct calculations	Mostly incorrect	/5
Bar Graph	Accurate, well-labelled, neat graph	Minor errors in graph	Basic graph	Incorrect or missing graph	/5
Awareness Message & Presentation	Meaningful slogan; excellent presentation	Good message and neat work	Basic message	Weak message and poor presentation	/5

SCIENCE

Theme: Science in My Everyday Changes- The Kitchen as a Lab!

Objective

To observe, classify, and analyse physical and chemical changes in your daily life through experiments and real-life connections.

Use A/4 sheets to do your holiday homework. Add photos of yourself doing the experiments! The rubric must be attached along with your work on the last page.

Cover Page: Be creative!

Student's Name

Class/ sec

Roll number

Page 1: Part A

Write the 3 activities systematically with materials, procedure and observation

Page 2: Part B

Observation table (Data Log)

Page 3/ 4: Part C- Concept Mastery

Write the 4 question answers

Attach a printout/ handwrite the rubric

Please punch your sheets and tie them with a ribbon

PART A: The Laboratory at Home (Practical Investigation)

Perform the following activities and record your findings in your Science Journal.

Activity 1: The Fizzy Reaction

Materials: Lemon juice (or vinegar), baking soda, a clear glass.

Procedure: Pour the juice into the glass and stir in a spoonful of baking soda.

Observation Focus: Look for gas bubbles (effervescence), listen for fizzing sounds, and check if you can get the original lemon juice back.

Activity 2: State Shifting

Materials: Ice cubes and a bowl.

Procedure: Allow ice cubes to melt completely at room temperature, then place the water back in the freezer.

Observation Focus: Note the change in state and whether this change is reversible.

Activity 3: The Candle Mystery

Task: Carefully observe a burning candle (under adult supervision).

Analysis: Identify one physical change and one chemical change happening at the same time.

PART B: Data Log

Complete this table based on your experiments:

Activity	Type of Change	Scientific Reason	Reversible/ Irreversible
Fizzy Reaction			
Ice Melting			
Candle Burning			

PART C: Concept Mastery

Answer the following in your own words:

Definitions: Define physical and chemical changes with two unique examples each from your kitchen.

Comparison: Create a T-chart to differentiate between physical and chemical changes.

Parameter	Needs Improvement (1-2 Marks)	Good (3-4 Marks)	Excellent (5 Marks)
PART A: Practical Investigations (Activities 1, 2, & 3)	Activities were not performed, or observations are missing/incorrect. Fails to differentiate changes.	Activities 1 & 2 are complete. Activity 3 analysis is partially complete. Identifies some changes.	All three activities are performed thoroughly. Correctly identifies and explains physical vs. chemical changes in each.
PART B: Data Log (Table Accuracy)	Table is incomplete or entries are largely incorrect. Fails to provide scientific reasons.	Table is mostly complete. Identifies types of changes correctly for at least two activities. Reasons are basic.	Table is fully complete and 100% accurate. Provides strong, scientifically sound reasoning and correct classification of reversibility.
PART C: Concept Mastery	Answers are very brief, missing definitions, T-chart	Answers define physical/chemical changes and include a simple T-chart.	Provides comprehensive definitions and excellent examples. T-chart is detailed.
Presentation, Creativity, & Timeliness	Work is disorganized or difficult to read. Lacks creativity/illustrations. Submitted significantly late.	Work is neat and organized. Includes basic illustrations or some creative elements. Submitted on time.	Exceptional presentation! Work is very creative, neat, and well-illustrated. Includes personal scientific reflections. Submitted on time.

SOCIAL SCIENCE

GENERAL INSTRUCTIONS

- Use eco-friendly / waste materials for models
- Model should be neat, labeled, and creative
- Presentation must be in clear handwriting
- Students should be ready to explain their model in class
- Mention Name, Class, Section, Group No.

PART A – 3D MODEL

Students to prepare a 3D model on any one topic given below:

Topics:

1. Sanchi Stupa
2. Rainwater Harvesting System
3. Dams / Hydroelectricity Power
4. Irrigation Garden
5. Court of Guptas
6. Volcanic Eruption
7. Weather Instruments
8. Recycling Plant
9. Solar Energy
10. Sustainable City
11. Layers of the Earth
12. Parliament House
13. Indus Valley Civilization
14. Mahabodhi Temple
15. Physical features of India
16. A scene of barter system
17. Miniatures of ministers (type of government)
18. Sources of past
19. Disaster Management

PART B – PRESENTATION

Each student will prepare a brief presentation on their model including:

- Introduction
- Key points / features
- Importance

- Conclusion



SANSKRIT

VII-संस्कृत ग्रीष्मकालीन अवकाश गृहकार्य

निर्देश:रंगीन पेन, चित्र, कटिंग आदि का प्रयोग करें। हर कार्य को आकर्षक बनाएँ।

- 1.पाँच पेज सुलेख लिखें।
- 2.अपनी दिनचर्या लिखें: "मैं सुबह 6 बजे उठता हूँ।" जैसे वाक्य संस्कृत या हिंदी में लिखें।
- 3.श्लोक याद करें: 5 संस्कृत श्लोक (जैसे भगवद्गीता) याद करें और उनका अर्थ लिखें।
- 4.सामान्य जीवन से शब्द: घर के 10 सामानों के नाम संस्कृत या हिंदी में लिखें।