SUMMER HOLIDAY HOMEWORK

GRADE- VII

GENERAL INSTRUCTIONS

- **Compulsory Submission**: Holiday homework is mandatory for all students.
- **Submission Deadline**: Submit your homework on or before 1st July 2026.
- **Book Review**: Write the book review in your English notebook.
- The holiday homework will be considered as part of the internal assessment. Parents are kindly requested to ensure that their child completes and submits the assignment on time.

ENGLISH

"It is truly said, "Reading gives us some place to go when we have to stay where we are."

Read the storybook "ADVENTURES OF ROBINSON CRUSOE" and write a 'BOOK REVIEW' as per the guidelines given below.

*Guidelines for "**BOOK REVIEW"***

Name: _____ *Class:* _____

Book Title: _____ *Author:* _____

Genre: _____ *Publisher:* _____

Year of Publication: _____

1. Introduction {Briefly introduce the book}

2. Summary of the Plot (without spoilers) {Describe the main storyline or theme, Introduce the main characters, Set the tone (e.g., adventurous, mysterious, emotional)}

3. What I Liked {Mention aspects like characters, plot, setting, writing style, or themes that you enjoyed, Quote a favourite line or moment, if possible}

4. What I Didn't Like (Optional) {Share anything that felt weak or could have been better (without being too harsh)}

5. My Favourite Character {Name the character and explain why they stood out to you}

6. Message or Theme {What did the book teach you? Is there a moral, social message, or important lesson?}

7. Recommendation {Who would you recommend this book to (age group, interest, etc.)? Would you read it again or read more from the same author?}

8. Rating {Give it a rating out of 5 or 10 stars}

MATHEMATICS

Math Exhibition 2026–27

Project Theme: S*TEM for Viksit and Atmanirbhar Bharat" (STEM for Developed and Self-Reliant India)*

Create an innovative mathematics project that showcases creativity, problem-solving, and real-life applications, while emphasizing environmental sustainability and eco-friendly practices.

Sub-Themes:

Choose **Any One** from the following sub-themes:

- Sustainable Agriculture
- Waste Management and Alternatives to Plastics
- Green Energy
- Emerging Technologies
- Recreational Mathematical Modelling

- Health and Hygiene
- Water Conservation and Management.

Assessment Criteria:

The exhibits will be assessed by a team of experts as per the following criteria:

1. Creativity and imagination 20%
2. Originality and innovativeness 15%
3. Mathematical thought/ principle/ approach 15%
4. Technical skills, workmanship, craftsmanship etc. 15%
5. educational value, scalability and utility for society in future 15%
6. Economics (low cost), portability and durability 10%
7. Presentation – effectiveness of display and relevant explanations 10%

Important Guidelines:

1. Use only eco-friendly materials.
2. *Use of thermocol and plastics is strictly prohibited.*
3. Projects should be low-cost and effective.
4. Focus on creating solutions that are beneficial for society and the environment.
5. Projects must be rooted in mathematical thinking, and AI integration is encouraged.
6. Use of sensors is allowed where applicable.
7. Incorporate algebra – include equations for cost or budgeting calculations.
8. Use of 3D modelling software is encouraged for a more technology-driven presentation.

SCIENCE

INNOVATIVE IDEAS SUBMISSION

Let our students' young minds shine by showcasing their innovative thinking!

Students are encouraged to submit one innovative idea that presents a creative and practical solution to an identified personal, community, social, or environmental problem. This initiative aims to foster problem-solving skills, creativity, and a sense of responsibility among young learners.

Guidelines for Submission:

Students must submit a write-up of their innovative idea under the following headings:

1. Title of the Innovative Idea – Focused on a personal, community, social, or environmental issue.
2. Introduction – Briefly explain the problem and the purpose of your project.
3. Materials Used – List the materials required or used in your idea/model.
4. Proposed Solution – Clearly describe how your project addresses the identified problem.
5. Advantages – Highlight the benefits to society and/or the environment.
6. Cost Effectiveness – Explain how your solution is economical and practical.
7. Future Aspects – Discuss the scope for further development, entrepreneurship, or real-life application.

Note: The idea should be original, eco-friendly, and feasible, with a focus on making a positive impact.

Here is a sample innovative idea for your reference:

Sample Innovative Idea

Focus Area: *Environmental Problem – Efficient Handling of Dustbins*

Problem:
Traditional dustbins often occupy excessive space, contribute to littering in the surrounding areas, and require considerable manual effort for garbage collection.

Introduction:
This project introduces an innovative dustbin design with a litter tank attached at the bottom. The tank is secured with a chain mechanism, allowing it to be easily pulled out by garbage collectors without scattering waste. This design ensures cleanliness, efficiency, and space-saving utility.

Materials Used:

- Metal tins
- Chain mechanism

Proposed Solution:

- Occupies less space
- Minimizes littering around the dustbin
- Reduces manpower required for garbage collection

Advantages:

- Features three separate compartments for effective waste segregation
- Prevents animals from accessing or scattering the waste
- Enhances hygiene and cleanliness in public or residential areas
- Promotes responsible waste management practices

Cost Effectiveness:

- Made using recycled metal tins, making it a low-cost, sustainable solution

Future Aspects:

- Can be scaled up for use in schools, residential complexes, and public spaces
- Potential for entrepreneurial development as a community waste management solution
- Can be enhanced with sensor-based features for automatic opening/closing or waste level indication