

**Burn Hall School**  
**Winter Assignment**  
**10<sup>th</sup> Class**

**Physics**

1. Study Refraction portion of light at home during winter vacations
- 2.→ Students are instructed to prepare a working model during the winter vacation based on:
  - Creative thinking
  - Problem solving
  - Usefulness in day-to-day life (making any daily task easier)
  - Your model should be original, practical, and scientifically meaningful.
  - This project carries marks, and selected innovative models will be submitted for the MANAK Inspire Award.

**Chemistry**

- Chemical reactions are nature's way of transforming the old into the new. Prepare the chapter \*Chemical Reaction and Equation\* for unit 1 exams.

Also students are instructed to prepare a working model during the winter vacation based on:

- Creative thinking
- Problem solving
- Usefulness in day-to-day life (making any daily task easier)
- Your model should be original, practical, and scientifically meaningful.
- This project carries marks, and selected innovative models will be submitted for the MANAK Inspire Award.

**Biology**

Life Processes

Project

Double Circulation (Human Heart)

**SOCIAL STUDIES**

**ROLL NOS 1 TO 15**

CREATE A MODEL OF TROPICAL EVERGREEN FORESTS, MONTANE FORESTS, DESERT VEGETATION, MANGROVE FORESTS. INCLUDE THE FAUNA FOUND IN THE VARIOUS FORESTS OF INDIA.

**ROLL NOS 15 TO 30**

CREATE A MODEL OF MULTI RIVER PROJECTS OF INDIA (SELECT ANY ONE MULTI RIVER PROJECT OF YOUR CHOICE).

## **ROLL NOS 30 TO LAST**

CREATE A WORKING MODEL OF IMPORTANCE OF ROAD SAFETY TO  
CREATE AWARENESS OF ROAD SAFETY AMONG CHILDREN OF AGES 5 TO  
10.

### **MATHEMATICS**

1. Real Numbers (Revise)
  2. Linear Equations (Revise)
  3. Quadratic Equations (Revise)
- Similar Triangles

### **URDU**

1. Qaseeda Shehar e Ashoob
2. Tashree Wazahat ke saath
3. Mazmoon, Khatoot aur Mazameen  
(Asool wa Qawaid).
4. Galib ya Iqbal ke adbi Khidmaat.

### **English**

Do the assignment on loose sheets

Read the book *Pride and Prejudice* by Jane Austen

And answer the following questions:

Write a character sketch of Elizabeth Bennet / Mrs. Bennet.

2. Explain how pride and prejudice act as barriers to true understanding in the novel.

Write a detailed note on Why is Mr. Bennet an Excellent Father.