

HOLIDAY HOMEWORK (2017-18)

CLASS VIII

ENGLISH

I Watch 3 movies from the list given below. Write the synopsis and describe two of your favourite scenes from the movies. Also write about 2 important characters of each movie.

List of movies :

- | | |
|--|--|
| 1. Chitti Chitti Bang Bang | 2. The Sound of Music |
| 3. My Fair Lady | 4. Pride and Prejudice |
| 5. Percy Jackson and the Lightning Thief | 6. Harry Potter and the Sorcerer's Stone/Philosopher's Stone |
| 7. Charlie and the Chocolate Factory | 8. A Christmas Carol |
| 9. The Boy in the Striped Pyjamas | 10. The Railway Children |

II Write an essay on 'What I like about South Korea' (in 150 – 300 words)

It can be handwritten or typed.

MATHEMATICS

Prepare a model of **any one** of these topics :-

1. Finding square root geometrically.
2. Pascal's triangle and its properties.
3. Maths in architecture.
4. To verify Euler's formula for different 3D shapes.
5. Getting 3 D – shapes from 2 D shapes on rotation.
6. To derive the formula of Surface Area and Volume of different 3 D shapes.
7. Data Handling
8. Golden Ratio
9. Fibonacci Series.
10. To prove **any one** of these algebraic identities.

(i) $(a + b)^2 = a^2 + b^2 + 2ab$

(ii) $(a - b)^2 = a^2 + b^2 - 2ab$

(iii) $(a + b)(a - b) = a^2 - b^2$

(iv) $(x + a)(x + b) = x^2 + (a + b)x + ab$

SOCIAL SCIENCE

1. Paste pictures of all Presidents and Prime Ministers of India in a project file and prepare a biographical detail of the former President of India, Dr. A.P.J. Abdul Kalam. Write about his achievements and vision. You may take help from his book 'Wings of Fire'. [ODD ROLL NUMBERS]
2. Think and analyse – Paste pictures and write information in a Project File.
Gradual progress in the condition of women in our society.
Select any 3 women from Indian history who inspire you. Make a report on their struggle and achievements. [EVEN ROLL NUMBERS]

SCIENCE

To make a working model on **any one** topic given below.

- | | | |
|---------------------------|------------------|----------------------------|
| 1. Food and Technology | 2. Energy | 3. Communication |
| 4. Universe | 5. Human Welfare | 6. Teaching Aids |
| 7. Science and Technology | 8. Robotics | 9. Sustainable Development |
| 10. Environment | 11. Agriculture | 12. Transport |

Only biodegradable material to be used. The model should be made during the summer vacation. A project file related to the model should also be made.

हिन्दी

प्रश्न 1: भारतीय संस्कृति क्या है? युवा पीढ़ी क्या भारतीय संस्कृति के मूल्यों को समझती है? चित्र सहित वर्णन कीजिए।

प्रश्न 2: किसी कवि या लेखक का काल्पनिक साक्षात्कार कीजिए। उसे चित्र सहित अपने शब्दों में लिखिए।

संस्कृत

कर्ता - किया की तालिका के आधार पर तीनों पुरुषों तथा वचनों का प्रयोग करते हुए सचित्र पन्द्रह वाक्य लिखिए।