

**SAINIK SCHOOL KUNJPURA, KARNAL**  
**WINTER VACATION TASK, CLASS IX, SUBJECT : ENGLISH**

1. *Courage needs no age and comes after we let go of all our fears. Every year, on the Republic Day, National Bravery Awards are given to selected children for their act of bravery against all odds. These children are able to achieve this glory as they overcome their moments of fear and do their best to save precious lives.*  
Make a list of any five such children and their actions for which they have been awarded the National Bravery Award. Write a paragraph in 150-200 words on each child. (to be done in Holidays HW copy)
2. In 2010, the United Nations declared Dr A.P.J. Abdul Kalam's birthday (15<sup>th</sup> October) as World Students' Day. Write an article in 150 words on the importance of the youth/ young students in the making of a New India. (to be done in Holidays HW copy)
3. Collect your favourite quotations by M.K. Gandhi, Dr Abdul Kalam, Mother Teresa, Lal Bahadur Shastri, J. Krishnamurti, any other personalities that you admire. Make a collage for display in the wall magazine of your class. (to be done on A3/A4 chart)
4. **Watch any Hollywood movie during the vacation and write a short movie review.**  
[To be done in Holidays's HW copy] Kindly include the following:
  - Name of the movie, Director, Main characters, Genre (adventure, comedy, fantasy, etc.), Plot summary in 150 words, Message / theme of the movie, What you learnt / Your favourite scene, Short recommendation for friends on Rating scale (out of 5)
5. Write diary entry of any 05 memorable days spent during the winter vacation. [To be done in Holidays HW copy]
6. Complete the following story in 180-200 words. It has to be a scary story that terrifies people. Give a suitable title to your story. [To be done in Holidays HW copy]  
I stopped my scooter in front of an old and dilapidated building. A haggard, skinny old man with drooping shoulders came towards me. "Don't go in, Sir", he whispered. "It is dangerous..."
7. Revise all the prescribed grammar topics, chapters and poems from both the text books.

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शीतावकाश कक्षा-नवम् (हिन्दी)

- 1- काव्य-खण्ड:- काव्य-खण्ड से सभी अध्यायों के शब्दार्थ, व्याख्या, प्रश्नोत्तर, अभ्यास तथा भाषाध्ययन कण्ठस्थ करना।
- 2- गद्य-खण्ड:- गद्य-खण्ड से सभी अध्यायों के शब्दार्थ, प्रश्नोत्तर, अभ्यास तथा भाषाध्ययन कण्ठस्थ करना।
- 3- 'कृतिका' पुस्तक से सभी अध्यायों के शब्दार्थ, व्याख्या, प्रश्नोत्तर, अभ्यास तथा भाषाध्ययन कण्ठस्थ करना।
- 4- व्याकरण:- 20-20 शब्दों से उपसर्ग तथा प्रत्यय पृथक कर मूल शब्द भी उत्तरपुस्तिका में लिखना एवं कण्ठस्थ करना।
- 5- समास की परिभाषा, भेद, भेदों के 10-10 उदाहरण उत्तरपुस्तिका में लिखना एवं कण्ठस्थ करना।
- 6- दिए गए प्रश्न-पत्रों को उत्तरपुस्तिका में लिखना।

वाक्य की परिभाषा, अर्थ के आधार पर भेद, भेदों के उदाहरण उत्तरपुस्तिका में लिखना एवं कण्ठस्थ करना।

### WINTER VACATION TASK, CLASS IX, SUBJECT : MATHS

1. Construct a square root spiral to visualize Irrational Numbers.
2. Solve the Question Paper of Post Mid Term Examination Dec 2025.
3. Write all the algebraic identities of Polynomial chapter on a separate chart paper.
4. Write all the Axioms and Postulates given by Euclid.
5. Draw a graph for the Linear Equation in two variables  $x + y = 100$  on a graph paper.
6. Write all the criteria for congruence of two triangles with suitable figures and examples.
7. Derive the formula for the area of an equilateral triangle  $A = \frac{\sqrt{3}}{4} a^2$  using Heron's formula.
8. Solve 10 questions each from all the chapters covered in the class so far from any Reference Book / Question Bank.

### WINTER VACATION TASK, CLASS IX, SUBJECT : PHYSICS

1. Complete the Unit 'Word, Power & Energy' along with NCERT exercise and 20 numericals.

### SUBJECT : CHEMISTRY

1. Write / form chemical formula's of at least 30 different chemical compound by using method taught in the class.
2. Compare the similarities and differences between the four models of structure of atom. What were the findings of these theories ?
3. What was gold foil experiment ? How it was conducted ? Write the findings of this experiment in at least 200 words by using internet or any other source.

### SUBJECT : BIOLOGY

1. Complete the assignment comprising of MCQ's, True/False, Fill ups, SAQ, LAQ, Competency based Questions for Ch 1 The Fundamental Unit of Life, Ch 2 Tissues, Ch 3 Diversity in Living Organisms, Ch 4 Why do we Fall Ill, Ch 5 Improvement in Food Resources

### WINTER VACATION TASK, CLASS IX, SUBJECT : SOCIAL SCIENCE

#### A) MAP WORK

##### Chapter 1- India: Size and Location

- a) *India* - States and Capitals
- b) *Tropic of Cancer and Standard Meridian* (Location and Labeling)
- c) *Neighbouring Countries*

##### Chapter 2 - India: Physical Features

- a) *Mountain Ranges*: i) The Karakoram ii) The Zaskar iii) The Shivalik iv) The Aravali  
v) The Vindhya vi) The Satpura vii) Western Ghats viii) Eastern Ghats
- b) *Mountain Peaks*: i) K2 ii) Kanchenjunga iii) Anai Mudi
- c) *Plateaus*: i) Deccan Plateau ii) Chota Nagpur Plateau iii) Malwa Plateau
- d) *Coastal Plains (Location and Labelling)*: i) Konkan ii) Malabar  
iii) Coromandel iv) Northern Circar

##### Chapter 3 - Drainage System

- a) *Himalayan River Systems*: i) Indus ii) Ganges iii) Sutlej
- b) *Peninsular Rivers*: i) Narmada ii) Tapi iii) Kaveri iv) Krishna v) Godavari vi) Mahanadi
- c) *Lakes*: i) Wular ii) Pulicat c) Sambhar d) Chilika

##### Chapter 4 - Climate

- a) Annual rainfall in India
- b) Monsoon wind direction



## **Chapter 6 - Population**

- a) Population density of all states      b) State with highest and lowest population density

### **B) PROJECT ACTIVITY**

Prepare a project on any one of the Disaster management topics provided below in about 12 to 15 (A4 size) pages. Prepare diagrams and paste photographs related to the topic.

- a) Earthquake Preparedness in Schools
- b) Flood Management in Local Areas
- c) Drought and Water Conservation
- d) Volcanoes and their Global Impact
- e) Fire Safety in Public Places
- f) Road Accidents and First Aid
- g) Cyber Disasters (Data Breaches)

### **C) LEARN THE ENTIRE GEOGRAPHY SYLLABUS FOR THE FINAL EXAMINATION.**

