



# AUROBINDO INTERNATIONAL SCHOOL

(To be Affiliated to CBSE)

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**Class: IX**

## Holidays Home-Work

### Instructions:-

1. For the evaluation of the notebook kindly ensure that the work is presentable.
2. Activities/projects will be a part of internal assessment.
3. Try to do all the project work with the material and things available at home.

### ENGLISH

Q.1 Write a readable story in 150-200 words from the outlines given below:

- The lion, King and the Beast – kills many animals – all animals terrified – hold a meeting – decide to send one animal to the lion everyday – lion agrees – the turn of the hare – arrives late – tells there is another lion in the forest-wanted to seize and kill him –hare takes the lion to a deep well-the lion sees his reflection –thinks there is another lion in the well-jumps in.
- Twelve weavers –start on a journey –cross a river –count themselves – each (forgetting himself) counts eleven-all worried at the loss –a passer – by agrees to produce lost man –gives each a blow with shoes –count twelve.

Q.2 Write a short paragraph describing the school life after Corona pandemic is over.

Mention the changes that you expect to see. How far it would be different from the schools we had till 2019.  
(word limit 150 words)

### HINDI

- "लॉकडाउन के सकारात्मक पक्ष" शीर्षक पर 200-250 शब्दों में निबंध लिखिए ।

### MATHEMATICS

1. Represent  $\sqrt{5}$  on number line by spiral method.
2. Write all identities of Ch -2 in Mathematics register.
3. Complete homework of Ch-1&2 in Mathematics register.
4. Make a model to verify the following algebraic identity :

i. R.No 1 to 10 :  $a^3 - b^3 = (a - b)(a^2 + ab + b^2)$

ii. R.No 11 to 20 :  $a^3 + b^3 = (a + b)(a^2 - ab + b^2)$

iii. R.No 21 to 30 :  $(a + b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$

iv. R.No. 31 onwards :  $(a - b)^3 = a^3 - b^3 - 3a^2b + 3ab^2$

<https://www.youtube.com/watch?v=R21j4P5agXc&feature=youtu.be>

[https://www.youtube.com/watch?v=6E\\_02UAywOA](https://www.youtube.com/watch?v=6E_02UAywOA)

### SCIENCE

1. Do all worksheets and NCERT solution of Chapter 1: Matter in our surroundings, Chapter 5: The Fundamental Unit Of Life and Chapter 8: Motion in science notebook.
2. Draw well labeled diagrams of animal cell, plant cell, prokaryotic cell and eukaryotic cell in notebook.
3. Observe the following working models.

a) Electric Generator.

<https://www.youtube.com/watch?v=a2SXQZoiwcA>

b) Electrolysis of water.

<https://www.youtube.com/watch?v=9OT3kB3NtAo>

**Note:-** You can make these models if you have required things available at home.

## **SOCIAL STUDIES**

1. Draw or paste the pictures of all the factors of productions. Write a short description on each factors of production in notebook.
2. Revise all the chapters done in the online classes

### **Written Work**

- Complete all the worksheets of the chapters in the notebook.
- Write down all the question answers in your notebook.

### **Prepare a project file on following topics:**

R.No 1 to 10- Introduction of Disaster (Meaning, types, vulnerability, seismic zones).

R.No 11 to 20- An Earthquake preparedness guide (what is an earthquake, What happens during an earthquake, how can we strengthen our buildings, Preparedness-before, during and after).

R.No 21-30- Fire Disaster-Preparedness (Before, during and after),usage of different fire extinguishers and other sources.

R.No. 31 onwards- Prevention of common human induced disaster(Nuclear accidents, Road accidents and Terrorism - their mitigation strategies)

### **Instructions :**

1. The total length of the project report should not be more than 10 - 15 written pages of A-4 size sheet.
2. The project report should be handwritten and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.
3. The project report should be presented in a neatly bound simple folder.(Plastic folders are not allowed)
4. The project report should be developed and presented in this order
  - a) Cover page showing project title, student information, school and year.
  - b) List of contents with page numbers.
  - c) Acknowledgements(acknowledging the institution, offices and libraries visited and persons who have helped).
  - d) Summary and conclusions based on findings.

## **SANSKRIT**

पाठ - 4 ( कल्पतरुः)

पाठ- 5 (सूक्तिमौक्तिकम्)

- दोनों पाठों के शब्दार्थ कीजिए
- ऋकारान्त शब्द मातृ और पितृ के शब्द रूप लिखिए ।
- 'पठ् '(पढ़ना) धातु के पाँचों लकार कीजिए ।

## **FRENCH**

### **a. Written work :**

- Write down the notes of lesson 1 in your notebook. Word file for the same is attached.

b. Learn the topics mentioned below (Important topics covered in class 6, 7 and 8) which are very important for you to know before we proceed further with our syllabus. PDF files for the same are attached.

- \* Plural of nouns
- \* Adjectives and their agreements
- \* Nationalities
- \* Prepositions with the names of countries and cities
- \* Adverbs of quantity
- \* How to tell time in French
- \* Interrogative adverbs

# **HAPPY HOLIDAYS**