

KAMLA NEHRU HR. SEC. SCHOOL (CBSE)
Holiday Homework (Class-IX) 2023-24

ENGLISH

- How did you celebrate eco friendly Diwali? Elaborate in 100-120 words.
- How homemade sweets are healthier than market sweets? Explain it in your own words.

HINDI

- एक जागरूक नागरिक होने के नाते पटाखे से पर्यावरण को होनेवाले नुकसान से बचाने के लिए 'संदेश लेखन' लिखिए।
- दीपावली पर्व पर स्वरचित 'दस' पंक्तियों की कविता लिखिए।
- 'पटाखे का प्रयोग न करे' इस विषय पर आकर्षक विज्ञापन बनाए।

MATHS

- Make a mind map on chapter 8: Quadrilaterals on A-4 Size sheet.
- Make a budget plan of expenses and savings of Dipawali month (Nov. 2023).
- Define irrational number and give 5 examples of each operational (addition, subtraction, multiplication and division).
- Take 4 linear equation and find five solutions of each linear equation.
- Draw a chart which shows various types of angles (obtuse, acute, right angle)
- Difference between postulate and axiom?
- Write criteria of congruency triangles write draw diagram?
- Practice all question of chapter-7.

SOCIAL STUDIES

- Make an album on Vidhan Sabha Election of Madhya Pradesh 2023 and prepare a report in 100 to 150 words-

Hint – 1. News paper cutting of

- | | |
|----------------------------------|----------------------|
| a. Nomination of candidates | b. Election campaign |
| c. Voters list or electoral roll | e. Polling etc. |

2. Minimum 5 pages.

- My Atlas (Geography L-4 climate)
- Identify song, dance, festivals and special food preparations associated with certain seasons in a particular region and whether they have some commonality with other regions of India.

SCIENCE

- Write down an article on the issue of pollution and environment degradation in about 100 words.
- Write about 10 examples of chemical reactions which happens naturally.
- Name the Cations and Anions in the following –

a) NH_4Cl	b) Na_2SO_4	c) CaCO_3	d) NaNO_3	e) NaOH
f) AlCl_3	g) CH_3COONa	h) FeSO_4	i) $\text{Cu}(\text{NO}_3)_2$	
- Compare the properties of electrons, protons and neutrons.

ARTIFICIAL INTELLIGENCE

- Practice of Python programs using conditional statements – if-else.
- Write down some points for famous entrepreneurship.