

***Summer vacation Holiday homework (2023-24)**

Class 9th*

English

1. Make a handmade dictionary having 10 words (new words) of each alphabet. It should be of your school diary size. You can use A4 size sheet for it. Use your creativity to make your work innovative and attractive.

2. Write the summary of chapter " The lost child " in about one and a half page of your Moments notebook.

Hindi

* ग्रीष्मकालीन गृहकार्य*

लिखित वर्णन :-

1. आजादी का अमृत महोत्सव विषय पर एक अनुच्छेद लिखिए। (150 शब्दों में) (हिंदी नोट बुक में)

रचनात्मक वर्णन :-

1. डाक टिकट की यात्रा का सचित्र वर्णन कीजिये। (चार्ट पेपर पर)

Sanskrit

प्रश्न-1 क्त्वा , तुमुन् , ल्यप् प्रत्यय का प्रयोग करते हुए दस उदाहरण लिखिए। (notebook)

प्रश्न-2 संधि की परिभाषा लिखते हुए स्वर संधि, व्यंजन संधि , विसर्ग संधि के पाँच पाँच उदाहरण लिखिए। (notebook)

Maths

1. Collect and paste the various objects or congruence shape in A4 size sheet. (at least 5).
2. Maths worksheet (that will be uploaded in school app and WhatsApp group)

Social-science

Disaster management project

Page 1: cover page

Page 2: Acknowledgement

Page 3: Index

Page 4: Introduction (i) what is disaster? (ii) Disaster management (elaborate)

Page 5: Natural disasters: -

(i) earthquakes (1/2 page) and it's mitigations (1/2 page)

Page 6: Tsunami and it's mitigations

Page 7: Flood and it's mitigations

Page 8: Droughts and it's mitigations

Page 9: Volcanic eruption and it's mitigations

Page 10 and 11: Man-made disasters: - Nuclear

disaster, Fire accidents, terrorist attacks.

Page 12 and 13: Biological disasters: - COVID (elaborate)

Page 14: Implementation ideas, disaster preparedness.

Page 15 and 16:- Recent disasters in India.

Page 17: Conclusion.

Page 18: Bibliography.

Guide lines

*Use A4 size papers.

*Use blue or black ink pen to write the project.

*Design the cover page in such a way that it reflects your project.

*Write the topic, name, class, section and roll no in bold letters.

*Use the bottom space for writing name, class, section and roll no.

*The project should not be of less than 15-20 pages. Be prepared for VIVA or written assignments based on your project.

*Don't use plastic covers.

Show your best creativity in doing the project!

Science

Physics

write down an autobiography of Dr. C.V. Raman in A4 size sheet or on chart paper.

CHEMISTRY

1. Preparation of: Unit-I

a) a true solution of common salt, sugar and alum

b) a suspension of soil, chalk powder and fine sand in water

c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of

a. transparency

b. filtration criterion

c. stability

2. Preparation of Unit-I

a) A mixture

b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

(i) appearance, i.e., homogeneity and heterogeneity

(ii) behaviour towards a magnet

(iii) behaviour towards carbon disulphide as a solvent

(iv) effect of heat

3. Perform the following reactions and classify them as physical or chemical changes: Unit-I

- a) Iron with copper sulphate solution in water
- b) Burning of magnesium ribbon in air
- c) Zinc with dilute sulphuric acid
- d) Heating of copper sulphate crystals
- e) Sodium sulphate with barium chloride in the form of their solutions in water.

All experiments of Part- A has to be written in practical copy.

*** Biology ***

Complete the given experiments in your practical file: -

- 1) To test presence of starch in the given food sample. [Potato]
- 2) To determine the mass percentage of water imbibed by raisins.
- 3) To identify parenchyma and sclerenchyma tissue in plants from prepared slides. Draw their labelled diagram.