

ENGLISH

1. Read and learn the questions and answers done in the class from both the books.
2. Write articles on the following topics.
 - (a) Save Girl Child
 - (b) Save Mother Earth
 - (c) Say 'No' to crackers
 - (d) Scarcity of water
 - (e) Importance of Games & Education
3. Learn and write Tenses.

MATHEMATICS

1. Solve all the examples of the chapter – 1 and chapter – 2 in separate notebook.
2. Make one chart on any of the following topics :
 - Based on concept of ch. – 1
 - Based on concept of ch- 2
 - Any famous Mathematician.

Work should be neat and clean.

हिन्दी

- 1- निम्नलिखित अध्यायों का प्रश्न-अभ्यास लिखकर याद करना है।

गद्य खंड – क्षितिज भाग –1

1. दो बैलों की कथा – प्रेमचंद
2. लहासा की ओर – राहुल सांकृत्यायन

पद्य खंड

1. साखियाँ एवं सबद
2. व्याकरण – उपसर्ग, प्रत्यय, परिभाषा, भेद व प्रत्येक भेद के उदाहरण सहित लिखकर याद कीजिए।
3. अपने नगर के चौराहे पर नगर के युवा बलिदानी सैनिक की मूर्ति स्थापित करवाने के लिए जिलाधीन का पत्र लिखकर अनुरोध कीजिए।
4. अपने क्षेत्र में पेयजल की समस्या की ओर ध्यान आकृष्ट करते हुए स्वास्थ्य अधिकारी को पत्र लिखिए।
5. कबीर के कोई चार दोहे सुन्दर ढंग से भीट पर सजाकर लिखें।
दिया गया गीता का भूलोक और उसका हिन्दी अनुवाद याद करके आए।

विशेष – गृह कार्य अलग कॉपी में करे।

SOCIAL SCIENCE

1. Every student has to compulsorily undertake one project on Disaster Management out of the list given below :-

1. Natural Hazards.	2. Human Induced Disasters
1. Earthquakes 2. Tsunami 3. Volcanoes 4. Landslides 5. Floods 6. Droughts 7. Cyclones	1. Weapons of Mass Destruction (WMD) i.e. Nuclear , Biological, Chemical

The distribution of Marks over different aspects relating of project work is as follows :-

S. No.	Aspects	Marks
1	Content accuracy, originality and Analysis	2
2	Presentation and creativity	2
3	Viva Voce	1

Objective : - The main objective of giving project work on Disaster Management to the students are to :-

- (a) Create awareness in them about diff. disasters, their consequences and management.
 - (b) Prepare them in advance to face such situations.
 - (c) Ensure their participation in disaster mitigation plans.
 - (d) Enable them to create awareness and preparedness among the community.
- Students must provide the following information about the disaster for which they are making project.
 - (i) Cause of Disaster
 - (ii) Areas affected by that disaster in India (supported by map)
 - (iii) Effects of disaster on life and property (supported by pictures and photos from newspaper and magazines)
 - (iv) Disaster management in a phased manner ie.
 - (a) Response and Relief by Government, NGO's & other organizations
 - (b) Rehabilitation and Reconstruction
 - (c) Mitigation (structural & Non structural)
 - (d) Preparedness

1. Revise the chapters done in the class.
Physics – Motion, Chemistry – Is Matter Around us pure, Biology – Fundamental unit of life-cell
2. Complete the following practical in practical files (make separate files for Physics, Chemistry & Biology)

Biology :-

Expt. 1- Preparation of stained temporary mounts of (a) onion peel (b) Human cheek cells and to record observations and draw their labeled diagrams.

Expt. 2 – Identification of Parenchyma, Collenchyma, and Sclerenchyma tissues in plants, striated, smooth and cardiac muscles and nerve fibres in animals from prepared slides.

Physics :

Expt. 1 Verification of laws of reflection of sound.

Expt. 2 Determination of density of solid (denser than water) by using a spring balance and a measuring cylinder.

Chemistry :

Expt. 1 Preparation of (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 b/w these on the basis of : Transparency , Filtration criterion , Stability

Expt. 2 Perform the following reactions and classify them as physical or chemical changes

(a) Iron with CuSO_4 solution in water

(b) Burning of Magnesium ribbon in air.

(c) Zinc with dil. H_2SO_4

(d) Heating of CuSO_4 crystals.

(e) Sodium Sulphate with BaCl_2 in the form of their solutions in water.

3. Chapter 14 – Natural Resources

An assignment based on the above chapter is being given.

- Please write down these on A4 sized both ruled sheets. (to be submitted in a folder)
 - Work should be done neatly as it will be evaluated as part of Internal Assessment.
 - All work should be completed during holidays and submitted to the concerned teacher when you report back after break. **Later comers will not be entertained.**
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Chapter : Natural Resources.

Class IX

- Q 1 Name the outer layer of the earth.
- Q 2 Write the name of two organisms, which take part in the nitrogen fixation.
- Q 3 Define hydrosphere.
- Q 4 What is atmosphere?
- Q 5 What is the percentage of CO₂ on Venus?
- Q 6 Define combustion.
- Q 7 What is the role of ozone layer?
- Q 8 What will happen if the CO₂ concentration in the atmosphere increases?
- Q 9 How can you describe global warming?
- Q 10 How is Earth's atmosphere different from that of Venus and Mars?
- Q 11 At what stage water is said to be polluted?
- Q 12 Name the man-made component which is responsible for the depletion of ozone layer.
- Q 13 How is 'humus' formed?
- Q 14 Why does the average temperature on earth remains fairly steady?
- Q 15 What will be result if the CO₂ concentration in the atmosphere increases?

- Q16 Differentiate between the biotic and abiotic components?
- Q17 Atmosphere plays an important role in the climate control. Justify the statement.
- Q18 What is water pollution?
- Q19 Define pollutants? Give examples of different types of air pollutants?
- Q20 Give the wind movement during day and night in coastal area?
- Q21 How is soil formed?
- Q22 What are the methods of preventing or reducing soil erosion?
- Q23 You have heard and seen weather reports on television and in newspapers. How do you think we are able to predict the weather?
- Q24 Why is water so necessary for life?
- Q25 Draw the following biogeochemical cycles :-
- Nitrogen cycle
 - Carbon cycle
 - Oxygen cycle.