

Udaya public school
Winter vacation holiday homework

Class:- 8th

Subject:- science



NOTE-- Work submission date: 12 jan 2024

Instructions: Use creativity in your work.

Common question (compulsory for all) :- Plant atleast five different plants in your locality during this holiday and ensure their maintenance till they grow. Take a picture of those plants and take a print out of it and stick it on a sheet.

Hope house:- Make your own detector for detecting a small amount of current.

Love house:-What is meant by the term wild life? Why should forest and wildlife be conserved.

Unity house:- Get an outline map of India mark the places in the map where coal ,petroleum and natural gas are found. Show the places where petroleum refineries are situated.

ZealHouse :- Make a model of potato battery also make a circuit diagram on A4 size paper

Computer Science

Common Question:Create a home page of your school by using HTML.

Zeal house: Write any two python program code with output in A4 size paper.

Hope house: Divya wants to add some images on the web page. Which tag should she use to do this? Write the hyper text markup language to insert image in the web page.

Unity house: Make a chart on the topic “ Domains of AI”.(Artificial intelligence).

Love house:Create a web page containing login form to accept the user name and password also write the program code with output in A4 size paper.

Social Science

Note: Do all your work, project in a neat and clean format.

Hope: Collect information of any two buildings of the British period in Delhi. Your information and research should include :

- | | |
|------------------------------|------------------------------------|
| A. Period of construction | D. Material used |
| B. Architectural design | E. Important person related to it. |
| C. Objective of construction | F. Related pictures and facts |

Love: Prepare the Population Pyramid (current) by doing research of following:

- | | |
|-------------------------------|---------------------------|
| A. 3 developed countries | C. 3 developing countries |
| B. 3 underdeveloped countries | |

Also, give a proper explanation of each.

Unity: Make a collage to show places of attractions in India:- For example -> On the basis of mountains, Landscape, Coastal Beaches etc. Do include its related facts and information.

Zeal: Discuss in your family and make a list of the means of transport available in your locality and prepare a detailed project report.

(Type of vehicle available, vehicle registration number and its meaning, colour of the number plate and its fuel type, vehicle on fossil fuel, etc.)

Common: Take some of the public facilities in your area, such as water, electricity etc. Is there any scope to improve these ? What is your opinion about what should be done?

Complete the table on this basis:

Facilities	Is it available ?	How can it be improved?
Water		
Electricity		
Roads		
Public Transport		

Mathematics

Common Question –

- (i) Obtain formula of curved surface area for right circular cylinder.
- (ii) Draw a cube and a cuboid on a graph paper sheet.

Hope House –

Write any three rules of Vedic Maths with two examples.

Zeal House –

Write the formula of all type of 2D and 3D figure. Draw it in your copy .You have to also think about the 2D and 3D figures in your school and write down their names.

Unity House –

In Chapter 16 and 17 of your book you had observed many type of figure that is square, rectangle, circle and trapezium. you have to draw all type of the plane figure by different material and paste it in your notebook.

Love House –

Conduct survey of your friends to find which kind of game (Indoor /outdoor) they like the most. Represent the information in the form of (i) Bar graph (ii) Pie Chart.

GENERAL KNOWLEDGE

Hope:- Create a presentation on the current issue of Israel- Palestine. Include all related facts and information along with pictures.

Love:- Collect all the facts and information related to 106th Amendment of Indian Constitution and create a chart presenting all the information in a neat and clean format.

Unity:- Create a list of “GI Tags in India” included in 2023, mentioning the products, categories, states, speciality and pictures.

Zeal:- Write one auto-biographical short story depicting how you learnt a moral lesson in your life so far and how it changed you as a person.

Common:- Read the newspaper daily and write 5 words daily along with their meaning and sentences. Revise all the work we’ve done so far.

ENGLISH

Hope:- Make the model of Articles with definition and examples.

Unity:- Make the chart paper of Direct Indirect with definition, kinds and examples.

Love:- Make the chart paper of Active – Passive with definition, kinds and examples.

Zeal:- Make the chart paper of Figure of Speech with definition, kinds and examples.

Common:- Make the collage of Daily activity of yours at your home, at least one activity. You have to paste it in the collage in an innovative way.

Sanskrit

Common: एक प्रातः काल श्लोक लिखिए।

Hope:- 1 से 30 तक संस्कृत में गिनती लिखिए।

Unity:- एक सरस्वती वंदना श्लोक लिखिए।

Love:- अपनी पाठ्य-पुस्तक से कोई एक श्लोक लिखिए।

Zeal:- दिये गये सूखे मेवों के नाम संस्कृत में लिखिए— काजू, बादाम, किशमिश, नारियल

Hindi

Common: आपने अपने घर के आस-पास बहुत से पशु पक्षियों को देखा होगा। उन पशु-पक्षियों के नाम लिखकर उनकी एक-एक विशेषता 'चित्र-सहित' लिखें।

Hope:- पाठ अकबरी लोटा के आधार पर अपने घर की किसी पुरानी वस्तु के बारे में ऐसी ही कोई कहानी लिखिए।

Unity:- घर के बड़े-बूढ़ों द्वारा बच्चों को सुनाई जाने वाली किसी ऐसी कथा की जानकारी प्राप्त कीजिए जिसके आखिरी हिस्से में कठिन परिस्थितियों से जीतने का संदेश हो।

Love:- हमारा देश किन-किन समस्याओं से जूझ रहा है इनमें से किसी एक समस्या का कार्टून बनाकर चार्ट बनाइए।

Zeal:- 'पानी की कहानी' में लेखक ने कल्पना के आधार पर ओस की बूँद की यात्रा का वर्णन किया है। आप भी इस कहानी की भौंति लोह और प्लास्टिक की कहानी लगभग 150 शब्दों में लिखिए।

Art

Decorated a flower pot and bring it.