



THE DOON YUDHISHTERA



PUBLIC SCHOOL, DEHRADUN

HOLIDAY HOMEWORK
FOR
SUMMER VACATION

SESSION 2024-25

CLASS - VIII

THEME - AGRICULTURE



General Instructions:

1. The project work of all the subjects will be done on a single Project file.
2. Maximum 3 pages will be used for each subject project work.
3. Each Project work should have pictures, images and Diagrams with creative projection of every Topic.
4. Fill the Mathematics worksheet and attached them in Project file.
1. Write an essay on agriculture while describing the different types of farming methods in India.
2. Write a notice informing all the students to bring seeds to sow on the celebration of world environment day in your school.
3. Identify whether the following sentences are Assertive or Interrogative change the Assertive sentences to Interrogative and the Interrogative sentences to assertive.
 - a. We visited Goa last year.
 - b. The bottle is half filled with water.
 - c. Do you face difficulties travelling alone?
 - d. The train left on time.
 - e. Do you prefer tea to coffee?
 - f. Does Meera dance better than Suhana?
4. Change the following sentences into the negative.
 - a. I have several cousins.
 - b. That black dupatta is mine.
 - c. The arrow hit the bull's eye.
 - d. The balls of wool were layered with dust.
 - e. Some children in the class were naughty.
 - f. I had a hard time solving the arithmetic problems.
5. Point out the complete subject in the following sentences, and separate the subject word from its attribute.
 - a. My friend, Nikhil, was bored at the concert.
 - b. Netaji Subhash Chandra Bose was a patriot.
 - c. The eccentric professor used to teach well.
 - d. The purpose of the visit was not fulfilled.
 - e. The ugly duckling was always left alone.
 - f. The state government is responsible for taxation on agricultural income.
6. Fill in the blanks with the correct pronoun.
 - a. _____ the boys had their own cricket bats.
 - b. I was shocked with _____ after I reacted so badly.
 - c. _____ books belong to Chetan.
 - d. Neither _____ nor _____ friends worked diligently on the project.
 - e. Naina went to the shop with _____ mother.
7. Use indefinite pronouns to fill in the blanks.
 - a. _____ of the children were distressed to watch the aggressive film.
 - b. _____ the teachers are invited to the party.

- c. We heard a noise and we realized _____ broke into the house.
 d. Give me _____ pen. The ink in this one has dried up.
 e. _____ Ranu and Sita went to the market.
 f. _____ fell silent when the principal broke the terrible news.

8. Rearrange the jumbled sentences.

- a. Man/was/uncivilised/quite/olden days,/in/the
 b. Covered/body/his/he/leaves/with/of/trees
 c. Became/he/and/cultured/civilised/as time/advanced/but
 d. Hostel life/advantages/as well/disadvantages/as/has/own/its
 e. Society/to live/to learn/it/trains/the/in/students/the
 f. Self-sufficiency/teaches/them/it/of/art/the
 g. Called / rose / the / queen /the / is / flowers / of
 h. Widely / it / grown /is/ the / all / world

Hindi

“भारत में कृषि तथा कृषि के प्रकार”

इस पंक्ति के आधार पर भारत में उगाई जाने वाली फसलों तथा उसके प्रकार के बारे में लिखते हुए किसी एक फसल के विषय में विस्तार से लिखिए।

IMPACT OF CLIMATE CHANGE ON INDIAN AGRICULTURE

Explore how changing Weather patterns affect crop yields, Water availability and Agricultural practices in different regions of India.

Make a Report on above topic at minimum three pages.

TASK 1- Write any five ' Real life Application of Maths in Agriculture '

TASK 2:- Analyse market trends prices to calculate potential profit from selling crop.

(Do given task in A4 sheets)

TASK 3:- Agriculture is main aspect of the Karnataka economy. Following table is the given information about crops of Karnataka and area covered (in hectares).

Name of the crop	Area covered (in hectares)
Paddy	25
Jowar	20
Sugarcane	15
Ragi	17.5
Coffee	45

Represent above information in Pictograph (Take 10 = 5) and Bargraph.

TASK 4:- Do following worsheet in the printouts itself.

Agricultural Algebra: Welcome to the Farm

Activity 1 Worksheet 1: The Wheat Farmer



Name: _____ Date: _____

Class/Hour/Teacher: _____

The Wheat Farmer

In Oklahoma, wheat is grown for the purpose of grain for human consumption and also for animal feed. The wheat farmer makes many decisions that go into producing a quality product that is both cost efficient and good for the land.

The Franklin family farms wheat in Oklahoma. They are proud of their wheat farming heritage, and for the past 50 years have harvested an average of 30 bushels per acre on their 550-acre family farm. Fifty years ago, the Franklin family produced about 25 bushels per acre, but with increased technology and germination rates, their family farm produces closer to 35 bushels per acre each year.

Using the additional information provided to the right, calculate the following answers. Remember to include units for your answers.

1. On average, how many bushels of wheat are currently being produced each year on the Franklin family farm?

Answer: _____

2. How many potential loaves of bread does the wheat from the Franklin family farm currently produce each year?

Answer: _____

3. Using the 50 year average, how many bushels of wheat have been produced on the Franklin Family Farm?

Answer: _____



Agricultural Algebra: Welcome to the Farm Worksheet 1: The Wheat Farmer (Continued)

4. Using their farm average, how many pounds of wheat has been produced on the Franklin Family Farm in the past 50 years?

Answer: _____

5. How many potential loaves of bread has the wheat from the Franklin family farm produced in the past 50 years, using the 50 year average?

Answer: _____

6. Using the information provided, create a math problem about the Franklin family wheat farm. Include the answer.

Answer : _____

1. Take the help of Internet and explain the role of Information technology in agriculture.
2. Find out the latest IT innovations in agriculture and write about them.
3. Name and explain 5 major advantages of using IT in agriculture.

1. What are the fertilizers?

2. What are the composition of fertilizers?

3. Types of fertilizers

a. Inorganic fertilizers (Nitrogen fertilizers Phosphorus fertilizers)

b. Organic Fertilizers

3. Advantages of Fertilizers

4. Disadvantages of Fertilizers

5. Uses of Fertilizers

1. Collect pictures of Traditional and Modern methods of irrigation and write a short note on each of them.

2. Collect New Agricultural Tools and implements, write their name and uses.

Prepare a report on modern and traditional methods of irrigation with suitable pictures in A4 sheet.
(Min 3 pages)