

THE S.D. VIDYA SCHOOL, NOIDA
HOLIDAY HOMEWORK
SESSION 2019-20
CLASS VIII

General Instructions:

- Cover page of the project should contain name of the school, name of the student, class, Academic year, Teacher in-charge.
- Use A4 colored sheet for making a project and attach in a file. Paste the pictures to make it more effective and interesting.
- Your holiday Homework will be assessed and marks will be added in the final results.

INTERDISCIPLINARY PROJECT
THEME – CROPS

TASK 1

You might have seen people leaving food in their plates, throwing left overs in garbage bins and ordering more food than they can eat in restaurant. Prepare 4 placards giving message to the community on how can we minimize wastage of food.

- Make on A-4 size colored pastel sheets.
- Write in bold letters using dark colored marker pens or crayons.
- Get them laminated to be put in the school.
- Write your name & class on the front side of each placard. Check the spellings before getting it laminated.

Task 2

Make a poster on judicious usage of food

- i) To create awareness amongst people, on how to use leftover food?
- ii) Write an attractive slogan
- iii) Add relevant pictures.
- iv) Who started 'No waste food' organization? What are its objectives? How can we contribute to this organization?
- v) What are different type of garbage?
- vi) How can we dispose different types of garbage to create more awareness on Green and Blue dustbin?

TASK 3

India will soon be game for Genetically Modified (GM) Crops

(You can do research on Electronic sources and newspapers)

Pro-technology companies are desperate to introduce genetically modified (GM) crops. The aim is to dispel fears about GM crops. GM crops are crucial for India's agricultural growth.

1. What is the contribution of WHO on genetically modified organisms and food?
2. What is India's stand on GM crops now?
3. Can India produce its own genes so that the country is not dependent on MNCs for GM technology?
4. Are genetically modified foods safe to consume?
5. How will GM crops affect bio-diversity?

TASK 4

Based on the given data, answer the questions that follow

Data Table: Soil and its content (per kg) useful for crops

Soil	Calcium (gms)	Iron Oxide (gms)
Alluvial	800	400
Black	80	200
Red	50	190
Laterite	50	200
Desert	20	10

Questions:-

- a) Represent the data of Calcium using pie chart.
- b) Represent the data of iron oxide using bar graph.
- c) Which soil is better for wheat crop?
- d) What kind of crop can be grown in red soil?
- e) Calculate which soil has maximum and minimum percentage of calcium and iron oxide.
- f) Mark on map which state in India has maximum and minimum percentage of calcium and iron oxide in soil available . Also give reasons.

TASK 5

- छात्र मिट्टी के प्रकार से सम्बंधित चित्र व जानकारी प्राप्त कर तथा मिट्टी को नुकसान पहुँचने वाले तत्वों के बारे में जानकारी एकत्रित करे ।
- मिट्टी संरक्षण के विभिन्न तरीकों का अध्ययन कर चित्र सहित एक परियोजना तैयार करें