

HOLIDAY HOMEWORK 2015-16

Class X

MULTIDISCIPLINARY PROJECT - I

FA1- FOOD & AGRICULTURE

The major agricultural products can be broadly grouped into foods, fibers, fuels, and raw materials. Specific foods include cereals (grains), vegetables, fruits, oils, meats and spices. Fibers include cotton, wool, hemp, silk and flax. Raw materials include lumber and bamboo. Over one third of the world's workers are employed in agriculture, second only to the services' sector, although the percentages of agricultural workers in developed countries has decreased significantly over the past several centuries.



Dear Children Please note:-

- 1. Holiday homework should be done in group of five students.**
- 2. File all the sheets in a handmade file cover with names of the group members, group number, class and section.**
- 3. Please follow the colour code and use A4 size sheets.**
- 4. At the end of the project write a short note on your contribution to the group work.**
- 5. Students should bring the holiday homework of all subjects on 2nd July 2015 for evaluation as a part of formative assessment.**

SCIENCE - FOOD

Sheet Color – Yellow

We should take balanced diet daily. Draw or paste pictures of a balanced diet of a healthy person.

- Make a list of diet that you ate for one week. Also write the quantity of food consumed.
- Analyze if it is a balanced diet.
- Explain the importance of various components of food in your daily diet.
- Write the steps of digestion of each component separately.

SOCIAL SCIENCE

Sheet Color – Pink

- Food Security in INDIA is initiated by the GOVERNMENT OF INDIA with many programs & policies. Discuss briefly. How they help to realize Food & Nutrition security for all citizens of India.
- What is the Impact of GLOBLIZATION on Indian Agriculture and Food Security.
- Attach a map showing major crops and their growing areas.

MATHEMATICS

Sheet Color – Orange

Prepare a list of 5 major crops grown in India. Compare the increase in production of each of these crops from 1980 to 2010 by representing it in the form of a graph. The time period can be 1980 – 1985, 1985 – 1990 and so on.

ENGLISH

Sheet Color – Light Green

- Genetically Modified (GM) foods are foods of the future”. Collect information about GM foods. Design a colourful poster on Genetically Engineered Food items.
- Write a debate on “Genetically Modified (GM) foods are Foods of the Future”. (200 words)
- Substantiate your write-up with study report and surveys published by organizations like WHO.
- Design a pamphlet/ flyer presenting the information to create awareness about such innovative practices to meet the demands of rising population.
- Write an article in 200 words on ‘Landfill’ as an effective way of waste management.

हिन्दी

Sheet Color – Light Blue

भारत एक कृषि प्रधान देश है। ग्रामीणों द्वारा गाँवों से पलायन न करके विषय पर अपने सुझाव दीजिए।

SANSKRIT

Sheet Color - White

एकस्मिन् भित्तिचित्रे (चार्ट-फुल साइज), अधोलिखित तथ्यानि आदाय तेषां विषये विस्तृत तथ्यपरकाः सूचनाः एकत्रीकृत्य सुन्दररूपेण, कलात्मकतया - सुरुचिपूर्ण भित्तिचित्र निर्माणं कुर्वन्तु -

1. चत्वारः वेदाः
2. चत्वारः आश्रमाः
3. पुरुषार्थचतुष्टयम्
4. चतुर्महाः तेषां - स्थानानि, संस्थापकचि
महावाक्यानि
- 5.

Road Safety:-

- a. Posters
- b. 1 Min. Movie made by mobile or handcam
- c. Slogans / jingles

MULTIDISCIPLINARY PROJECT - II

FA- II – SOIL



SCIENCE :

Sheet Color - Yellow

Plants require a specific PH range for their healthy growth.
Find out the PH of three samples of soil in your region
(Refer activity 2.12 NCERT science Book Class X).
Find the impact of acid rain on PH of soil and production

SOCIAL SCIENCE:

Sheet Color - Pink

1. In the physical map of INDIA show the major soil types.
2. Prepare a diagram to show soil profile by using printed cloth Cutting.
3. Describe any two types of soils, selecting one from each Category
(i) WEATHERED (ii) DEPOSITED

MATHEMATICS

Sheet Color - Orange

: Find the nutrients present in soil for growth of rubber & calculate their percentage.

ENGLISH

Sheet Color - Light Green-

: Collect information on the following:-

Landfill

Land Reclamation

Design a pamphlet/ flyer presenting the information to create awareness about such innovative practices to meet the demands of rising population.

- Write an article in 200 words on 'Landfill' as an effective way of waste management.

हिन्दी

Sheet Color – Light Blue

मनुष्य मिट्टी का बना है। मिट्टी से ही उसका पालन-पोषण हुआ है। मानव जीवन में मिट्टी की महिमा को प्रतिपादित करते हुए अपने विचार एक अनुच्छेद के रूप में लिखिए।