

HOLIDAY HomeWork 2015-16
MULTIDISCIPLINARY PROJECT - I
CLASS IX
FA – I - Green Revolution

The Green Revolution refers to a series of research, and development, and technology transfer initiatives, occurring between the 1940s and the late 1960s, that increased agricultural production worldwide, particularly in the developing world, beginning most markedly in the late 1960s.[1] The initiatives, led by Norman Borlaug, the "Father of the Green Revolution," who won the Nobel Prize in 1970, credited with saving over a billion people from starvation



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 : Agriculture is the major profession in our country. Various cropping practices are adopted by our farmers. Make a survey report including the following point:

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- Name different cropping practices used in India.
- Make a table specifying the different cropping practices in Indian states.
- How have these improved the agricultural yield? Also explain their role in achieving green revolution.
- You may paste pictures of crops or grains which are grown by these practices

SOCIAL SCIENCE : The Green revolution made India self- sufficient in food production.
Sheet Color – Pink However its impact was not felt everywhere. Substantiate this statement in the given tabular form.

States	Crops	Farmers	Technology	Failures	Achievements

Your findings must include two states from each zone i.e. EAST, WEST, NORTH AND SOUTH.

- In the political map of INDIA show the states which experienced the Green Revolution.

MATHEMATICS : Green Revolution was a period when productivity of global
Sheet Color - Orange agriculture increased remarkably.

India is a major rice producer & exporter Represent the annual production of rice in various states from 1980-2000 in the form of a histogram . Do you see rise in the graph.

ENGLISH

Sheet Color – Light Green: Design a poster on Importance of adopting water Harnessing techniques to cope with scanty rainfall.

In 150 – 200 words write an article on “Agriculture Sector opening avenues for a rewarding career.”

हिन्दी

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भारत की स्वतंत्रता प्राप्ति के पश्चात हरित क्रांति का प्रादुर्भाव हुआ। हरित क्रांति से लेकर वर्तमान समय तक किसानों की आर्थिक स्थिति पर प्रकाश डालिए। तथ्यों, सूचनाओं और आंकड़ों के आधार पर विषय को प्रमाणित कीजिए। (फाइल बनाइए)

संस्कृत

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स्वस्थ वृत्तम् का चक्र बनाकर पाँच वाक्य संस्कृत भाषा में लिखिए।

MULTIDISCIPLINARY PROJECT - II

FA – II - RIVER POLLUTION



- SCIENCE** : Find the Biochemical oxygen demand (B.O.D) of Yamuna River for past five years. Compare it with maximum permissible limit and suggest ways to reduce levels of BOD in river Yamuna.
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- SOCIAL SCIENCE** :
Sheet Color Pink
- Over the centuries Rivers have mothered many civilizations. In the outline map of INDIA marks at least three rivers which belong to the categories of HIMALAYAN AND PENINSULAR River systems.
 - In the map of Delhi mark the course of river YAMUNA.
 - Find out the key features of SAVE YAMUNA DRIVE of DELHI
 - Being a responsible citizen of Delhi it is your duty to protect its NATURAL HERITAGE.
 - Suggest any six ways to control the pollution of river YAMUNA.
- MATHEMATICS** : One of the major causes of river pollution is industrial wastes. The significant contributors are paper mills, thermal plants, steel plants, textile industries etc. Collect information about the waste from different industries. Represent it in the form of bar graph depicting the volumes of different industrial wastes in India.
Sheet Color - Orange
- ENGLISH** :
Sheet Color – Light Green
- “Water pollution is the gravest problems of today. Every year water pollution cause more death than all forms of violence including War”
- In the light of the above statement write an article on “AN AUTOBIOGRAPHY OF A RIVER.” Submit your write up with suitable illustration (150-200 words).

हिन्दी

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गंगा सफाई अभियान के संबंध में विज्ञापन तैयार कीजिए।

SANSKRIT

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गंगा सफाई अभियान पर चित्र बनाकर पाँच वाक्य संस्कृत में लिखिए।

Road Safety:-

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