

MODERN DAY AGRONOMIST

WebQuest Description: In this webquest an attempt is made to understand life of farmers, hardships faced by them and different techniques which can be used by them to increase the agricultural production.

Grade Level: 3-5

Curriculum: Social Studies

Keywords: surplus farmers, subsistence farmers, godowns , seasonal migrant farmers , green revolution , irrigation , pesticides

Published On: 2015-07-21 05:05:07

Last Modified: 2015-07-21 03:34:05

WebQuest URL: <http://zunal.com/webquest.php?w=291452>

Introduction

Farmers live in village and grow crops on piece of land. He has to wait for many months to reap the benefits of his hard work. There are various categories of framers for eg: surplus, subsistence etc. Constructions of dams across various rivers have provided better irrigation facilities to the farmers. Green revolution and the introduction of pesticide and chemical fertilizer have been a great boon to agricultural sector. Government has taken various initiatives for the welfare of the farmers for eg: providing loans, free seed etc. Various NGO's have come up and are working for the betterment of the farmers.

Tasks

Your task is to find out how a farmer plans his work You will gather information about different tools and techniques used in farming You will research to find out the different measure taken by the government for the welfare of farmers. You will find out how Green revolution has been a boon to the agriculture sector Your aim will be to spread this message about saving natural habitat and wild animals.

Process

Divide class into 6 groups comprising about 6 students. Each group will do the following and present their work in front of class .(Teachers can help groups decide about the Dam , NGO and Govt Scheme to avoid duplication) Create report file and add following details in it-
 1. Use mind maps / web chart to present following-
 1. What is the role of a farmer in our lives?
 2. What are the most important factors which effect farming?
 3. Prepare a chart showing equipments used by farmers along with their pictures and usage?
 4. What do you know about Green revolution? Who is known as father of Green Revolution. How its introduction has increased the agricultural production tremendously? Present your thoughts in an interesting way.
 5. Water is a necessary resource for farming and 'Dams ' fulfill this requirement. You will have to choose one popular Dam and create a fact sheet including pictures, its location on map of India, river it is built upon and the state in which it is located and other necessary information.
 6. Find out a NGO working for the welfare of farmers- Create a pamphlet to promote their work.
 7. Identify any one scheme / programme started by Govt for welfare of farmers. Prepare a brochure highlighting its important points.

Evaluation

You will be evaluated on the basis of the projects you have undertaken which include the report prepared after penning down your views on Green revolution, making mind maps, chart showing equipments used by farmers, fact sheet on dam, pamphlet making and brochure making. You must meet the criteria listed and show that you worked hard and understood the material and concept.

Category and Score	Excellent	Good	Satisfactory	Poor	Score
Facts	At least fifteen detailed facts	At least ten detailed facts	At least five detailed facts	Less than five detailed facts	40%
Design	Very creative in displaying design	Limited creative in displaying design	Somewhat creative in displaying design	No creativity	20%
Informative	Provided all information requested	Provided limited information requested	Provided some information requested	Provided no information	30%
Research	Research was excellent	Limited research	Some research	No research	10%
				Total Score	

Conclusion

The students have learned that most of the food they buy in stores originally comes from farms. The students are sensitized towards the hardships faced by farmers. Students gained knowledge about the various steps and tools involved in farming. They learnt how the introductions of dams have improved the irrigation facilities. Students found that the introduction of Green revolution has been a boon to the agricultural sector. They researched on the various measures taken by the government for the welfare of the farmers.

Teacher Page

The WebQuest can be used to help students understand the process of farming and the various techniques and tools used in food production.

Standards

Credits

Other