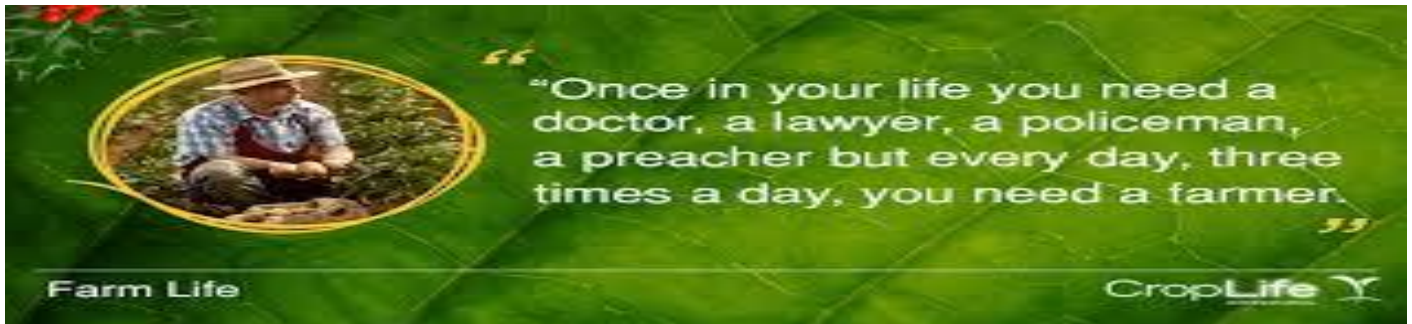


EAST POINT SCHOOL
HOLIDAY HOMEWORK (2020-2021)
THEME : AGRICULTURE(CLASS V)



Dear Parents,

Not all classrooms have four walls, and learning is not confined to the school environment alone. Indeed, ever since we are born, we learn. Children, apart from learning at school, learn at home and at all places. Holidays give the children an opportunity to learn at their own and comfortable pace, with their first and most beloved teachers, their parents. In a bid to assist you in making this informal learning more organised, useful and enjoyable, we have planned a vacation homework that will engage your ward in some concrete learning.

Here are some summer tips to be followed:

- “A healthy mind resides in a healthy body”- Pay attention to your health, drink lots of water, avoid the consumption of junk food, eat healthy and stay healthy.
- Open your mind for reading newspapers, novels, blogs and stories that will help you in increasing your vocabulary.
- Indulge yourself into activities like cooking, singing, dancing, aerobics, art and craft and gardening. And share your experience with your family and friends.
- Set aside a time in the morning hours for the homework, so that you work in an organised and disciplined manner.
- Spend quality time with your grandparents and parents, talk to them regarding their experience of school.

We would like you to enjoy your holidays and return refreshed and rejuvenated to embark on this academic year.

Warm regards

Class Teacher



"**Agriculture** is the science, art, and business of cultivating soil, producing crops, and raising livestock."

Agriculture encompasses many areas that impact our life every day. In India agriculture is our main occupation. Most of our country's economy depends on farming and farmers are the backbone of our country. Even when the entire world is locked down, the farmers are farming under these challenging times to ensure that we have food on our plates in this summer season.

- Write a short Thank You note for the farmers of our country who are working hard day and night for the food that we are getting everyday. Write the note in about 100 words highlighting their hard work and their contribution in the growth of our country. You can read some reports before you write it.
- One day your mother asks you to make some healthy breakfast without using fire. What will you make and what cereals, vegetables or fruits would you use to make it. Write the recipe and explain the steps of making it. Draw or click pictures and attach with the write-up.



- Here are a few lines about a famous book called **Food 5.0: Feed for the Future** written by **Robert.D.Saik**. It talks about farming practices from the early ages to the modern ages. You may select some new words from the passage below, and create a glossary of them. Try making sentences with them as well.

Food has become the new religion. While things such as paleo(diet including whole foods), vegan(diet with no animal products), and organic(farming without pesticides) debate which is "the way," we're ignoring a truth that affects us all: to support a population nearing 10 billion by 2050, agriculture must become infinitely sustainable.(maintainable)

To feed the world, we have to grow 10,000 years' worth of food in the next thirty years, which means farmers worldwide must increase food production by 60 to 70 percent.

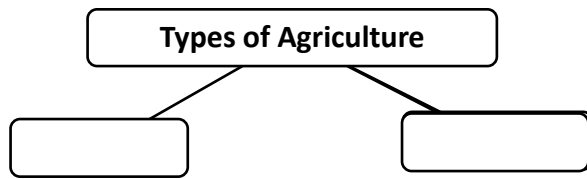
This book is about the small percentage of those "farmers" being called upon to grow the vast majority of the world's staple food supply. While mighty in their ability, they need support from a general public that increasingly has no idea how they operate.

In Food 5.0, Robert Saik takes you on a journey from the "muscle era" of farming to a future where the convergence(mixing) of new technologies like sensors, robotics, and machine learning make infinite sustainability achievable. With the veil(cover) lifted on modern agriculture practices, you'll be inspired(motivated) to contribute to a culture where farmers can adopt the science and tools they need to carry out their mission of feeding the planet.

- Find out the main cash crops grown in the following states and mark them on the map (India political).

Punjab	Rajasthan	
Bihar	Kerala	
West Bengal		
Assam		
Uttar Pradesh		
Maharashtra		
Tamil Nadu		

- Complete the following flow chart of types of agriculture and give 2 examples for each:



Mention any 5 problems faced by the farmers during the cultivation of crops. Suggest some measures to overcome those problems.

- Find and list five old traditional practices which are being revived in modern agriculture.
Example: Use of cow dung to produce manure
- Make a poster on organic farming and its importance (for us and environment) in order to spread awareness on Good Agriculture Practices. You can also add a slogan to your poster to make it more interesting.



- Make a list of five organic food items which are available in market for example organic tea. (Draw or paste their pictures also.)
- Farmer's helpers in nature (animals, birds, insects etc). Find out the names of any five farmer's helpers. Write a short note on how they are helping the farmer.
Use waste material and papermache to make small models of these helpers. Make a small farm and put them on it.
- Given are the steps of farming in pictures. Arrange them in correct order and write their names using the help box.

Ploughing to prepare land, Harvesting, Weeding and spraying insecticides,
Irrigation, Adding fertilizers and manure, Threshing to collect grains,
Storage of grain, Sowing of seeds

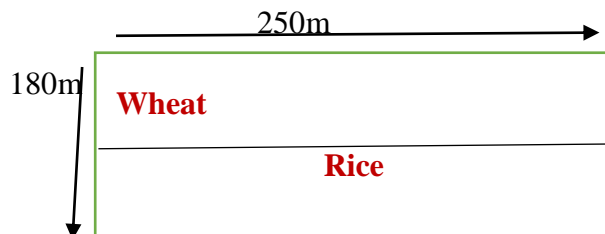


- Every year the Indian government announces a minimum support price(M.S.P) for various crops. It is provided to the farmers for their produce if it is not sold in the market at a good price. Now the M.S.P (Rs. Per unit) of three crops: **Maize** ,**Cotton**and **Sunflower** for the last five years is given in the table below. Make a bar graph for all the three crops comparing M.S.P for past five years.

Minimum Support Price(Rs per unit)

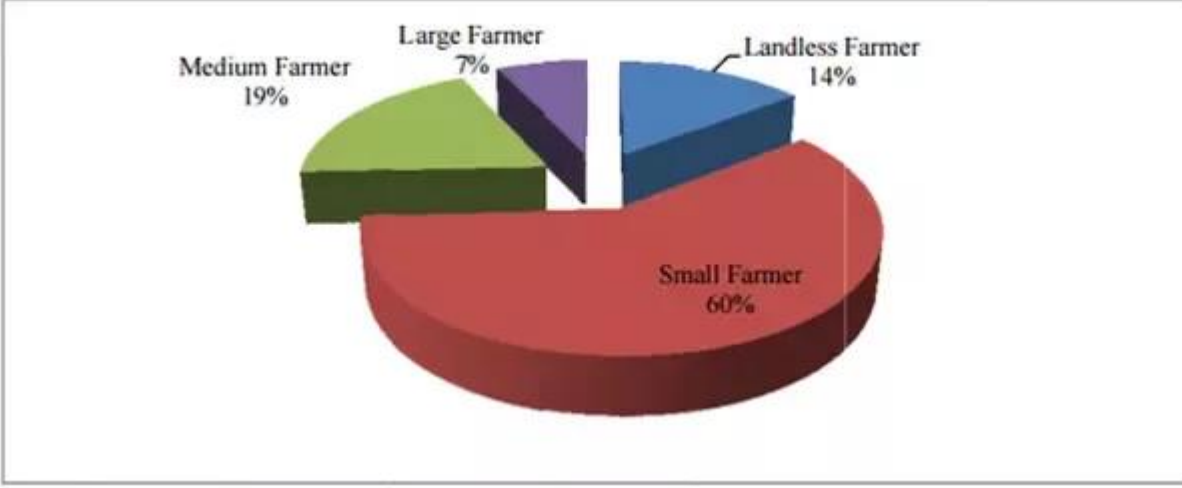
Crops	2015-16	2016-17	2017-18	2018-19	2019-20
Maize	1325	1365	1425	1950	2000
Cotton	3800	3860	4020	5150	5255
Sunflower	3800	3950	4100	5388	5650

- Imagine Mohan has a land of dimension $250\text{m} \times 180\text{m}$. He wants to plant wheat and rice, both on equal parts. For this purpose he decides to divide the land horizontally with the help of a wire .Find the length of wire used if he put it all around the boundary . Also find the total area covered by wheat and rice both.



(iii)Agricultural land (sq km) in India was reported at 1797210 sq km in 2016. Write down this area in Indian and International Place value system. Also write the given number in expanded form and place value of 9 in the given number.

iv) The given pie chart shows distribution of farm land holding in India:



India has gross irrigated crop area 96 million hectare (approx). Distribution of farm land holding in India in terms of fraction is –

medium farmer $18/96$,

Small farmer $58/96$,

landless farmer $14/96$,

large farmer $6/96$.

Look at the given pie chart and answer the following questions:-

1. Convert the given fraction in lowest term and arrange in ascending and descending order
2. Which type of farmer has the least piece of land?
3. The piece of land with the medium farmer is _____
4. Who has the largest land holding share?
5. Why do you think the small farmer has the largest share?(Hots)

शकृषि की उन्नति " कृषि उपकरणों पर एक आकर्षित कोलाज का निर्माण कीजिए तथा (, देश की प्रगति का संदेश देते हुए एक स्वरचित कविता लिखिए ? (A4size sheet) कुछ अन्य विषय –(किसानों की मेहनत ,खेतों की हरियाली ,मैं हूँ किसान (

या

आज की विषम परिस्थिति में हम सब घर के अंदर है और किसान खेतों में काम कर रहे हैं अगर किसान काम नहीं करते तो क्या हमारा जीवन संभव था इस विषय पर अपने विचार बताते हुए अपने मित्र से बातचीत करें और उस संवाद को लिखें ?

रकृषि के क्षेत्र में किसानों के योगदान की (सराहना करते हुए एक स्लोगन लिखें-

या

एक विज्ञापन लेखन तैयार करें जिसे देखकर लोग गरीब किसानों की सहायता करने के लिए कदम बढ़ाएं –

3) अपने स्वास्थ्य को ध्यान में रखते हुए आप गरमी के मौसम में कौन कौन से फलों और सब्जियों का सेवन करते हैं-,उनके नाम संस्कृत भाषा में लिखें और चित्र भी बनाएं -

