Integrated Project:

In accordance with the guidelines of CBSE we are incorporating integrated project based learning where in students will prepare projects for all the subjects based on a common theme. It will help students deepen their understanding of the subject matter and comprehend relationship between different areas of study.

General Instructions:

1. *Integrated project of all the subjects to be done on A4 size sheet and further to be complied in single project file.*

2. *Credit will be awarded to original drawings, illustrations and creative use of material.*

3. *All homework should be handwritten and neatly done(Except computer).*

4. *The homework should entirely be done by the child. Parent can only guide, if required.*

5. *The work needs to be done in the same sequence as mentioned.*

6. *Students are required to submit their folder of holidays H.W. on 1st July, 2019.*

7. *The worksheet of Math has also been attached. Do the questions in Math Notebook.*

8. *Revise UT 1 syllabus for all the subjects.*

Note: 10 marks will be allotted to the student for the given assignment. So keep a record of it.

Theme: Agriculture And Its Importance

❖ A field full of crops and ready for harvest is the dream of every farmer. Every occupation has its own importance but agriculture is a very important and essential part of our country as we all need food for our survival.

❖ keeping in mind the Importance of Agriculture, design a poster on an A4 size sheet for the promotion of 'Farmers and Agricultural products.

❖ Connecting your ideas and penning down your thoughts & reflection on the page not only enables the young learn to gain deep insight into the theme & plot of the story book but also make them a better reader for lifetime- with this vision ,the students have been provided with- **'My Reading Journal'.** After reading the prescribed story book **"The Merchant of Venice"** complete the 'Reading Journal' as per the instructions given and don't forget to create your own front & back cover.

- ❖ सर्दियों व गर्मियों में उगाई जाने वाली फसलो का वर्गीकरण चित्र व उनके नाम सहित करें ।

- ❖ 'बाल महाभारत कथा' पुस्तक का अध्ययन करके उसमे श्री कृष्ण द्वारा दिए गए उपदेशो का सारांश लिखे । आपके जीवन में उनका क्या महत्व हैं इस पर भी अपने विचार प्रस्तुत करे ।

- ❖ Collect Information about the total rice and wheat yield for five consecutive years from 2014- 15. On the basis of the information gathered:-

a) Calculate total rice and wheat yield for five consecutive years from 2014- 15.
b) In which year was the yield of rice and wheat minimum.
c) What was the average yield of rice and wheat in these years.
d) Represent the collected data on a double bar graph comparing the yields of rice and wheat .

- ❖ Make a project listing the benefits of organic farming and use of micro organism in farming.
- ❖ Show the effects of pollution on agricultural crops by

    Abiotic sources- Pesticide leaching, Fertilizers, heavy metals
    Biotic sources– greenhouse gases, Bio pesticides.

- ❖ ' Rivers plays an important role in the life of farmers, as it is a great sources of water for agriculture.
  Make a model out of clay or play dough , showing the different stages in the life of a river. Paint the mountain brown, the river blue and the plains green. Also show a valley, a waterfall, a meander, an ox bow lake, flood plains and a delta.

- ❖ Create an imaginary NGO, give it a name and a logo. The aim of your NGO is to "save Food and Respect Agriculture". You can use the following guidelines- Meaning of NGO - Aims and Objectives (at least 5). Also mention the suggestions from your side to use the leftover food.

- ❖ Also find NGO's working for the same goal.

- ❖ Write about any monument of France in French (100- 150 words) eg. Le Sacré- Coeur, L'Arc de Triomphe etc.
  (use internet & French dictionary)

- ❖ Design a pamphlet for the promotion of 'Organic Farming' in MSWord. Take a printout of the same.

- ❖ अस्माकम् कृषिः इति विषय आधारितम् निबन्धं संस्कृत भाषायम् लिरव्याताम् , कृषिः उपरि एकं चित्रम् अपरिचयतु ।

EDUCATION 3.0 (2019-20)

To gain knowledge one must learn; To gain wisdom one must experience and to have the benefit of both one must not stop exploring even in holidays!

MAKING PPT PRESENTATION OR MODEL PRESENTATION

- As a concerned citizen of our country, we need to be the change that we aspire to have in our environment.
- Learner is required to plan an innovative idea(model) that can help in solving the major threats INDIA is facing today.

This idea should be converted into a 3D model or PPT presentation

Class: VII
Subject: Mathematics
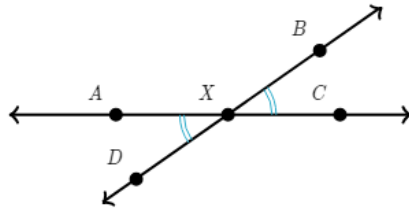**Name:**

I.   Solve the following.

1.   (-5) X (-1) X (-2)

2.   36 ÷ (-9)

3.   3 x (-8) x 5

4.   − 23 + 42 − 28 − 11

5.   -540 + 1560 + 540 + (-60)

6.   227 X 99 + 227.

7.   (-50) + (-35)

8.   -215 +15 − (-289)

9. $\frac{2}{7} + \frac{5}{49}$

10. $\frac{4}{49} - \frac{11}{63}$

11. $\frac{2}{3} + \frac{4}{6} + \frac{3}{4}$

12. $\frac{5}{6} \times \frac{2}{5}$

13. $\frac{15}{19} \div \frac{5}{3}$

14. $(\frac{2}{3} + \frac{5}{6}) \times \frac{4}{5}$

15.   (4.3 − 2.3) x 6.3

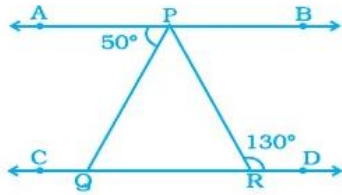16.   0.08 ÷ 0.13

II.   Do as directed.

1.   Subtract -45 from -108.

2.   Find $\frac{3}{25}$ of a km.

3.   Convert $2\frac{1}{2}$ into decimal fraction.

4.   Express 242.196 into decimal expansion.

5.   Express $\frac{144}{216}$ into lowest form.

6.   Write the Additive inverse of − 9.

7.   Represent $-\frac{2}{5}$ on a number line.

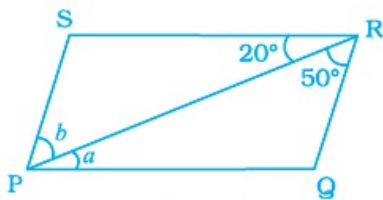8.   Subtract (-42 + 39) from 100.

9.

III. Problem solving questions.

1. How many 25-paise coins are there in Rs. 125 ?

2. If angle AXD = 30°, then find all the angles.

3. If AB || CD, ∠ APQ = 50°, ∠ PRD = 130°, then what is the measure of ∠ QPR?

4. The sum of two numbers is $12\frac{3}{4}$. if one number is $5\frac{1}{4}$, then find the other.

5. The product of two numbers is $14\frac{1}{2}$. if one number is $4\frac{5}{7}$, find the other.

6. Ansh walked 7.65 km on first day, 17.04 on second dayand 25.02km on third day. How much distance did he walk in all ?

7. Acarpenter earns Rs. 75.25 per hour. If he worked 200 hours this month, how much did he earn?

8. The angles between North and West and South and East are
   (a) Complementary   (b) supplementary
   (c) both are acute   (d) both are obtuse

9. If PQ || SR, and SP || RQ, then what is the measure of ∠a and ∠b?

10. The angles x and 90° − x are:
    (a) Complementary   (b) supplementary
    (c) vertically opposite   (d) making a linear pair

11. Write a pair of integers whose product is -36 and whose difference is 15.

12. A green grocer had a profit of Rs. 47 on Monday, a loss of Rs. 12 on Tuesday and loss of Rs. 8 on Wednesday. Find his net profit or loss in 3 days.

13. The sum of 24.75 and 20.25 is multiplied by their difference. What is the product thus obtained?