Bal Bharati
PUBLIC SCHOOL
PITAMPURA

Class IX

GENERAL GUIDELINES FOR THE HOLIDAY HOMEWORK PROJECT

The theme for your Holiday Homework is **'MY FINANCIAL CAREER'**.

Weekly assignments based on the theme will be shared. The homework must be uploaded on MS Teams.

A Flipbook should be created in the last week containing all the work. The contents of the flipbook are mentioned below.

CONTENTS OF MY FLIPBOOK

Cover Page - Made aesthetically indicating the name, roll number, class and section and session. (2022-23)

Index Page - Indicating the homework of all the weeks, organised subject-wise.

Subject-wise work of all the weeks. (Add pictures where required)

Tasks mentioned in the General Guidelines

Picture Gallery - Indicating pictures as evidence for general tasks.

Newspaper Activity (Positive News)- 'Did I Know It?'

Bibliography

Certificate Page

Do not forget to mention page numbers on your project!

Theme – My Financial Career

Week 3: - 13June 2022 -17 June 2022

Subjects	Assignments
MATHEMATICS	Ms. Shreya has joined a new unicorn start-up with annual income of Rs 15,00,000. She wishes to start her own company one day. Presently she needs help in deciding which tax regime would suit her better (old tax regime or new tax regime). She contributes Rs 2500 per month to Provident fund and pays LIC premium of Rs50,000. She also invests Rs 2000 monthly in ULIP and Rs 3000 per month for her health insurance. According to the information given above, 1. Classify the savings done by Shreya under Section 80C and 80D. 2. Find the tax to be paid by her corresponding to both the tax regimes (old tax regime and new tax regime) and conclude which one is better for her. 3. Research at least two other schemes where one can invest to save tax. Read the article (link attached) for referring to tax slabs under old and new tax regime. https://www.etmoney.com/blog/new-tax-regime-or-old-what-should-you-pick/

ENGLISH

Activity 2:

Letter to the Editor

Q: You are Rohan/ Tania staying at 32- Shalimar Bagh, Delhi. You have seen many children under the age of eighteen driving private vehicles. A lot of them have also encountered accidents. Write a letter to the editor of a local newspaper addressing the situation. Also give some ways to tackle the problem.
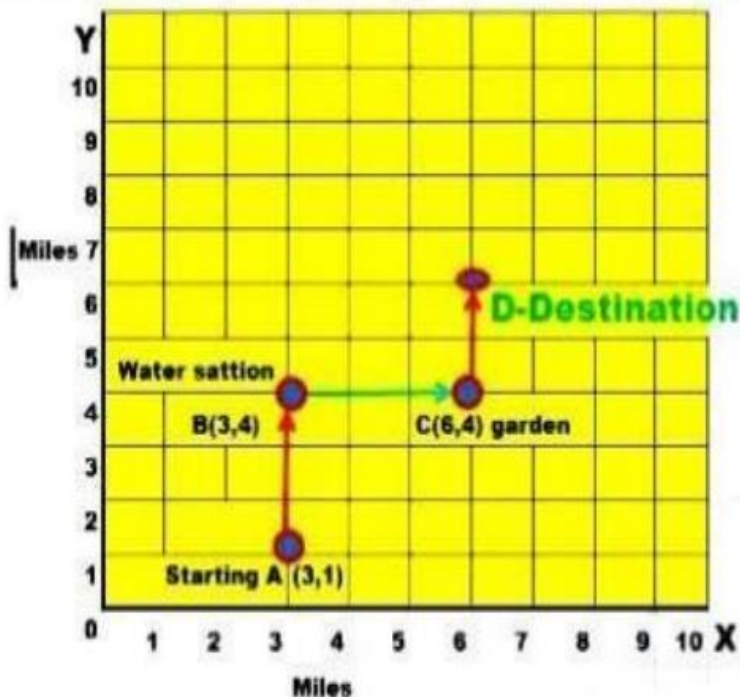
_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

MATHEMATICS

CASE STUDY QUESTIONS

Q1.

Arun is participating in an **8 miles** walk. The organizers used a square coordinate grid to plot the course. The starting point is at A (3, 1). At B (3, 4), there's a water station to make sure the walkers stay hydrated.

From water station, the walkway turns right and at C (6,4) a garden is situated to keep walkers fresh. From the garden, the walkway turns left and finally, Arun reaches at destination D to complete 8 miles.

i. How far is the water station B from the starting point A?
   a. 4 miles
   b. 3 miles
   c. 1 mile
   d. 5 miles

ii. How far is the water station B from garden C?
   a. 3 miles
   b. 4 miles
   c. 1 mile
   d. 5 miles

iii. What is the abscissa of destination point D?

   a. 3
   b. 5
   c. 3
   d. 6

iv. What is the ordinate of destination point D?
   a. 3
   b. 2
   c. 6
   d. 5

v. What are the coordinates of destination point D?
   a. (5, 6)
   b. (6, 5)
   c. (3, 9)
   d. (6, 6)

Q2..

In the above picture, one small square is of size 1 km × 1 km. From the starting point O(0,0) Deepak started to drive towards his home. He first drives 3km in left then he turned to his left and drove 2 km, there he found a temple. He worshipped there and drove 6km in the left direction, there is a zoo and from the zoo, he drives 2km on the right side, then he reached his home.

From O Sanjay drove for his school, he drove 1km to his right then took a left turn and

drives 2km then again took a right turn and drives 2 km. He found a hospital in the way. From Hospital he drove 3 km and finally reached his school.

i. What are the coordinates of the Hospital?

   a. (3, 2)

   b. (2, 3)

   c. (3, 3)

   d. (5, 5)

ii. What is common abscissa of school, Hospital, Zoo and Deepak's home?

   a. 3

   b. 5

   c. -3

   d. -5

iii. What is the common ordinate of temple and Zoo?

    a. 3

    b. 5

    c. -3

    d. -2

iv. Deepak Drove in which quadrants?

    i. I & II

    ii. II and III

    iii. III and IV

    iv. IV and I

v. Sanjay Drove in which quadrants?

    a. I only

    b. II and III

    c. III and IV

    d. II and I