SHANTI GYAN NIKETAN SR. SEC. PUBLIC SCHOOL
Class X (2025-26) -   Holiday Home Work

ENGLISH

1.Find poetic devices used in the poems given in First Flight book. Take minimum 10 poetic devices and write examples of those.

2.Write a letter on each of the following categories:

a) Complaint Letter (Issue and Product)

You are Ravi/Radha living at 42, Nehru Nagar, Bhopal. Write a letter to the Municipal Commissioner of your city complaining about the poor condition of roads in your locality.

b) Placing Order

You are the store manager of Greenfield School. Write a letter to M/s National Stationers, Delhi, placing an order for various stationery items required for the school.

c) Inquiry Letter

You are Anita/Anil, a resident of Hyderabad. Write a letter to the Director, Summer Camp India, Delhi, inquiring about the details of a summer camp being organized for students.

d) Letter to the Editor

You are Priya/Pranav, a concerned citizen. Write a letter to the editor of a national daily highlighting the increasing problem of plastic pollution in your city and suggesting some solutions.

3. From "First Flight"

1. *Lencho and God*: Imagine Lencho writes a follow-up letter to God after receiving the money. Write the conversation between Lencho and God.

2. *Amanda and her Mother*: Write a conversation between Amanda and her mother discussing Amanda's frustrations and desires.

Conversation Guidelines

A. Stay true to the characters' personalities and traits.

B. Use quotes or references from the story or poem.

C. Explore themes, motivations, and conflicts.

4.Design a cover page for a collection of poems by William Wordsworth/William Shakespeare/Robert Frost

Note: Do questions 1-3 in English Grammar Register.

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Mathematics

QUESTION 1) LEARN AND WRITE SQUARES FROM 1 TO 30.

QUESTION 2) LEARN AND WRITE CUBES FROM 1 TO 10.

QUESTION 3) LEARN AND WRITE TABLES FROM 11 TO 20.

QUESTION 4) SOLVE THE FOLLOWING EQUATIONS BY EIMINATION,SUBSTITUTION,CROSS MULTIPLICATION METOD

I) $3x+2y=10$, $4x-3y=2$
II) $4x+5y=27$, $5x-3y=6$
III) $5x-3y=8$, $4x+7y=-3$

QUESTION 5) SOLVE GRAPHICALLY

I) $X+Y=3$, $2X-Y=3$
II) $X+Y=4$, $2X+2Y=8$
III) $X+Y=3$, $2X+2Y=9$

QUESTION 6) PLOT THE FOLLOWING POINS ON CARTESIAN PLANE

(3,4) (-2,3)(-5,-4) (6,-5)

QUESTION 7) FIND LCM

I) 36,56
II) 140,240
III) 256,676

QUESTION 8) DO LAB MANUAL ACTIVITY NO. 1 TO 5 IN LAB ACACTIVIY FILE AS DISCUSSE IN CLASS.

QUESTION 9) MAKE A MATHS PORTFOLIO AS DISCUSSED IN CLASS.(ATLEAST 10 PAGES)

SCIENCE

Chemistry

Make a project on type of reaction (any one)

1.Combination reaction   2.Decomposition reaction

3.Displacement reaction   4.Double displacement reaction

5.Redox reaction

BIOLOGY

1. Prepare a cross-word puzzle consisting of at least ten biological terms in your fair note book.

2. Prepare a portfolio consisting of 15 - 20 pages on any one of the following topics:

(i) Management of waste - Biodegradable & Non-biodegradable

(ii) Management of forests & wild life   (iii) Management of water

(iv) Environmental issues like ozone depletion, global warming etc.

* Use loose sheets coloured or white

PHYSICS

1. Prepare a portfolio of 8 to 10 pages of any scientist of Physics given below:

i. Issac Newton   ii. Albert Einstein

iii. Marie Curie   iv. Stephen Hawking

v. Simon Ohm

2. Write all the practical's of physics in the practical file.

SOCIAL SCIENCE

Prepare a project of about 10 to 12 pages.

1) It must be hand written.

2)Colourful with good number of pictures.

3)Try to draw the pictures with the help of Eco book.

4)It should cover following points.

a) Introduction : Consumer Awareness

b) Need for Consumer awareness

c) Consumer Exploitation and its ways.

d) Consumer Rights

e) Duties of Consumers

f) Consumer Awareness Movement

g) Consumer protection Act

h) Consumer courts

i) Jago grahak Jago

j) World Consumer Right Day

Artificial Intelligence

Prepare presentation on the following topics (Refer Book given Page No.)

S.NO.	TOPIC	Page No.	ROLL NO.
1.	AI Models	143	1-10
2.	Machine Learning	176	11-20
3.	NLP and Stages of NLP	373	21-30
4.	Chatbots	375	31-40

General Instructions :

1. Make 10-12 slides on each topic.

2. Bring the printouts in proper file cover.