

HOLIDAY HOMEWORK (2026 – 2027)

CLASS – X

➤ SCIENCE

1. To complete the notes of **LIFE PROCESSES CHAPTER**.
2. To draw the Related Diagrams of each chapter and Colour them for Art Integrated Activities.
3. Poster Making on the given Topics according to the ROLL NUMBERS.
 - **ROLL NUMBER 1-10** : Donate organs -SAVE Life
 - **ROLL NUMBER -11-20** : India and Innovation -Think beyond The Horizon.
 - **ROLL NUMBER -21 -30** : Healthy Planet ,Healthy People
 - **ROLL NUMBER -31 -40** : Future Science Class Rooms
 - **ROLL NUMBER 41 -50** : Science For Humanity

➤ SOCIAL SCIENCE

1. Project on the following topics (**Any one**) as already allotted in the class.
 - ❖ Social Issues.
 - ❖ Sustainable Development.
 - ❖ Consumer Awareness.
2. Learn chapters already taught in class.

➤ हिंदी

- परियोजना कार्य
- अलंकार
- अनुक्रमणिका
- अलंकार का अर्थ
- अलंकार के भेद
- शब्दालंकार का अर्थ
- शब्दालंकार के भेद (उदाहरण सहित)
- अर्थालंकार का अर्थ
- अर्थालंकार के भेद (उदाहरण सहित)
- अर्थालंकार के उदाहरण को चित्र रचना करते हुए परियोजना कार्य पूरा कीजिए
- आभार

➤ ENGLISH

1. CREATIVE WRITING

Based on your understanding of the poem, develop a conversation between the main characters of any ONE poem from your Literature textbook. Make the dialogue relevant, interesting and creative by drawing or pasting pictures.

2. FORMAL LETTER WRITING

Write ONE Formal Letter each of the following types of letters provided:

- ❖ Letter to the editor
- ❖ Letter of complaint
- ❖ Letter of enquiry
- ❖ Letter for placing an order

NOTE: Use colourful A4 size sheets for writing, add a cover page, and submit the homework in a milky file.

➤ MATHEMATICS

1. Explore the lives and contributions of famous mathematicians, such as Pythagoras, Euclid, and **Srinivasa Ramanujan**. You can create a timeline of mathematical discoveries or a presentation on the contributions of Indian mathematicians.

2. Real-World Data Analysis:

Collect data from a local environment (e.g., survey of students' favourite subjects) and analyse it using statistical measures like mean, median, mode, and standard deviation. You can create a project that presents the data in graphical form and interprets the results.

3. Probability in Everyday Life:

Investigate the probability of different events happening in everyday life (e.g., probability of winning a lottery, probability of rain) and explore the concepts of conditional probability and independent events.

➤ ARTIFICIAL INTELLIGENCE

- Q1. Write a program to input the age of a person and print it with a statement.
- Q2. Write a program to input a number and find the square root.
- Q3. Write a program to input two numbers and calculate their sum, difference, product and quotient.
- Q4. Write a program to check whether which number is greater out of two given numbers.
- Q5. Write a program to check if the input number is odd or even.
- Q6. Write a program to check whether the person is eligible to vote
- Q7. Write a program to print the numbers from 1 to 10 using for loop.
- Q8. Write a program to add natural numbers upto n terms.
- Q9. Write a program to demonstrate function of list.
- Q10. Write a program to show access and deletion of a tuple.
- Q11. Write a program to find the area of a circle.
- Q12. Write a program to find the largest out of three numbers.
- Q13. Write a program to create a tuple with multiple elements.
- Q14. Write a program to print your name and address.
- Q15. Write a program to calculate the square and cube of a given number.

INSTRUCTIONS :-

1. WRITE EACH PROGRAM ALONG WITH THE QUESTION IN SEPARATE A4 SIZE WHITE INTERLEAF SHEET.
2. ASSEMBLE ALL THE SHEETS IN A REPORT FILE.