

CLASS-10<sup>TH</sup> ENGLISH SUMMER VACATION HOMEWORK

1. Discuss values like selflessness, love for family and hardwork drawing parallels with real life examples or personal experiences from your own life. ( Two Gentlemen of Verona)
2. Imagine and describe how the story would change if the nightingale had confidence in her own talent.( Poem-The Frog and The Nightingale)
3. Write an application to the principal for full fee concession.
4. Write a descriptive paragraph of your bicycle.
5. Complete your portfolio,
6. Do two exercises each of the following-
  - a) Editing
  - b) Omission
  - c) Gap filling
7. Read and revise all the chapters taught so far.

### **LIBRARY HHW**

1. Read books and Children magazines as per your level and choice and write 2 books reviews.
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3. Read biographies of great personalities and write one biography in your library file.
4. Read Newspaper daily and paste few activities given in Kids Corner.
5. Draw the relevant pictures also. Do all the work in library file .

**READ, KNOW AND GROW**



Dear PM SHRI Schools,

The Adobe Express Summer Boot-camp returns with a fresh dose of creativity and fun!

Tailored for Grades 6-10, this exciting -session FREE ONLINE program helps students' level up their Digital Creativity and AI skills in a hands-on, engaging way.

Beat the heat, unleash creativity, and earn globally recognized certificates — all from the comfort of home.

**Let's make this summer smart, skillful, and super fun!**

Summer Bootcamp - Session Schedule

| Sessions   | Date      | Days    | Session Topic                                   | Morning Shift        |
|------------|-----------|---------|---|----------------------|
| Session-1  | 16-May-25 | Tuesday | Graphics Design Fundamentals                    | 11:00 AM to 12:00 PM |
| Session-2  | 20-May-25 | Friday  | Digital Scrapbook - Books                       | 11:00 AM to 12:00 PM |
| Session-3  | 23-May-25 | Tuesday | Comic Strip Illustration                        | 11:00 AM to 12:00 PM |
| Session-4  | 27-May-25 | Friday  | AI Character Design                             | 11:00 AM to 12:00 PM |
| Session-5  | 30-May-25 | Tuesday | Exploring Art through Ages                      | 11:00 AM to 12:00 PM |
| Session-6  | 03-Jun-25 | Friday  | Create a Postage Stamp on World Environment Day | 11:00 AM to 12:00 PM |
| Session-7  | 06-Jun-25 | Tuesday | Motion Illustration with Drawing                | 11:00 AM to 12:00 PM |
| Session-8  | 10-Jun-25 | Friday  | Designing Picture Storybook                     | 11:00 AM to 12:00 PM |
| Session-9  | 13-Jun-25 | Tuesday | Create a e-Greeting on Fathers Day              | 11:00 AM to 12:00 PM |
| Session-10 | 17-Jun-25 | Friday  | Create a Poster on International Yoga Day       | 11:00 AM to 12:00 PM |

**Register Today**

<https://tinyurl.com/KVSSummerBootcamp>



KENDRIYA VIDYALAYA A F S BAWANA

Holiday Homework - summer vacation (2025-26)

Class Xth SUBJECT-SOCIAL SCIENCE

1. Make a project on any one of the following

(a) Sustainable Development

(b) Consumers Awareness

(c) Social Issues

(Do this in a project file, 15-16 pages on A4 sheets)

2. Make and write ten questions and answers of one mark (one word or one sentence) of each lesson completed.

3. Learn and revise all the completed chapters.

4. Do map practice of History and Geography.

# PM SHRI KENDRIYA AFS BAWANA

## SUMMER VACATION HOME-WORK (2025-26)

SUBJECT-MATHS

CLASS -10TH

Instructions for Submission:

- Use Homework note for solving and don't write solutions from the google/internet.
- Graphs must be drawn on proper graph paper (if required).
- Submission Date: First day after summer vacation.
- All work must be handwritten.
- Marks will be awarded for neatness, completeness, and creativity.
- If any question is not clear students can leave that question or ask to me on WhatsApp.

1. Prove that:

- a)  $\sqrt{2}$  is an irrational number.
- b)  $\sqrt{3}$  is an irrational number.

2. Write 5 examples each of:

- Linear polynomial
- Quadratic polynomial
- Cubic polynomial

3. Find the HCF and LCM of 56 and 72 using prime factorization.

4. For the quadratic polynomial  $x^2 - 5x + 6$ , find its zeros and verify the relationship between the zeros and the coefficients.

5. Verify that:

- $\text{HCF} \times \text{LCM} = \text{Product of the two numbers for } (48, 84).$

6. Find the prime factorisation of 360 and express it as a product of primes.

7. Prove that  $3 + 2\sqrt{5}$  is irrational.

8. Prove that  $7\sqrt{2}$  is irrational.

9. Write the degree and number of terms in the following polynomials:

- $4x^3 - 3x^2 + 2x - 7$



- $x^2 + 2x$
- 7

10. Find the zero(s) of the following polynomials:

- $x^2 - 7x + 10$
- $x^2 + 2x - 15$
- $x^2 - 9$

11. If  $\alpha$  and  $\beta$  are the zeros of the polynomial  $x^2 - 3x + 2$ , find:

- $\alpha + \beta$
- $\alpha\beta$
- Verify the relationship with coefficients.

12. Form a quadratic polynomial whose sum and product of zeroes are:

- (a) 4, 1
- (b) -3, 2

13. If one zero of the polynomial  $x^2 + kx + 6$  is 2, find the value of  $k$  and the other zero.

14. Form a pair of linear equations in two variables using the following information and solve it graphically: Five years ago, Sheela was twice as old as Tina. Ten years later Sheela's age will be ten years more than Tina's age. Find their present ages. What was the age of Sheela when Tina was born?

15. Madhu went to a bank to withdraw 10000. He asked the cashier to give her 100 and 200 notes only. Madhu got 60 notes in all. Find how many notes of 100 and 200 she received.