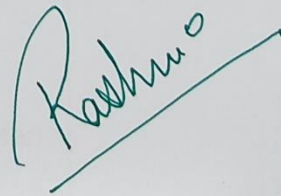## Summer Holidays Homework (2024-25)

From Principal's Desk

Dear Students and Parents, As we embark on the summer vacation, I want to remind you of the importance of continued learning and growth during this time away from school. To ensure that our students remain engaged and academically stimulated, we have assigned summer vacation homework for all classes. This homework is designed to reinforce concepts learned throughout the year and to prepare students for the upcoming academic term. I urge all students to approach their summer homework with diligence and responsibility. Completing these assignments will not only enhance your academic skills but also help you start the new school year on the right foot. Parents, your support in encouraging your children to complete their summer homework is invaluable. By working together, we can ensure that our students continue to thrive academically. Should you have any questions or concerns regarding the summer vacation homework, please do not hesitate to reach out to your child's teachers or the school administration. Wishing everyone a productive and enjoyable summer break!

THE ADITYA BIRLA PUBLIC SCHOOL, VERAVAL
Assignment for Summer-break for Class-10 (2024-25)

Subject	Assignment	Activity
Hindi	1. विभिन्न विषयों पर रचनात्मक लेखन 2. दिए गए पाठों के पाठ–बोध व विश्लेषण संबंधी प्रश्नोत्तर 3. चिह्नित पाठों का पठन अभ्यास	
English	Prepare a mind map on any one chapter from the book Footprints Without Feet.	
Maths	1. Prepare a Mind map/Concept Map/ Summary of first five units including illustrative examples, 1. Real Numbers 2. Polynomials 3. Pair of Linear Equations in Two variables 4. Quadratic Equation 5. Arithmatic Progression, from your Mathematics Text Book. 2. Project work (AIL Activities) ❖ You, being an Architect design your "DREAM HOUSE" for the area of land available at your home. ❖ You, being a Historian by researching the life of any two Mathematicians of the past, present their important contributions in addition to their life story through a Power Point Presentation.	
Science	**CHEMISTRY –** **ASSIGNMENT (Chemical Reactions and Equation)** 1) Write Definition and five examples of following reactions in Notebook a) Combination Reaction b) Decomposition Reaction c) Displacement reaction d) Double Displacement Reaction e) Redox Reactions 2) Write 20 examples of Balancing of chemical reactions (other than given in NCERT textbook) **PHYSICS-** 1. Draw all ray diagram of image formation by spherical mirror. 2. All exercise question belongs to REFLECTION. **BIOLOGY-** Prepare a chart showing diagram and label it's different parts (any one topic) 1. Digestive system of human 2. Nutrition in amoeba 3. Respiratory system of human	

Economics	To revise the concepts taught: (Meaning of Development; Personal and National Development goals; Income and other goals) To solve CBSE's last year question papers (2022-23 & 23-24), related to concepts taught.	Students will prepare a report in which they will mention the current development goals for India and any one other country.
Civics	To solve CBSE's last year question papers (2022-23 & 23-24), related to concepts taught (Ch-1 & 2)	They may consider factors such as: education, health, energy, national income, political and social stability etc.

History	➢ Prepare a time line on the rise of Nationalism in Europe.
	 ➢ PROJECT WORK
	 ➢ 1.Project work on any one of the topics:
	 ➢ Balkan Problem OR Nationalism in Europe
	 ➢ Points to note for submitting the project:
	     a. It should be a handwritten project.
	     b. You can use newspaper cuttings, maps ,graphs, diagrams and material from the web.
	     c. Follow the sequence as Acknowledgment Index Content
	 ➢ Bibliography	

A.I	1. Write a program to find the largest of three numbers. 2. Write a program to check whether a given number is even or odd. 3. Write a program to find the sum of all the numbers in a list. 4. Write a program to print the Fibonacci series up to a given number. 5. Write a program to convert Celsius to Fahrenheit. 6. Write a program to find the factorial of a number. 7. Write a program to check whether a given number is prime or not. 8. Write a program to find the GCD of two numbers. 9. Write a program to reverse a string. 10. Write a program to find the sum of the digits of a given number. 11. Write a program to check whether a given string is a palindrome or not. 12. Write a program to find the area of a rectangle. 13. Write a program to find the area of a circle.	
Fine Arts	Art Education - Card Board Furniture Link :https://youtu.be/wh94bChl3Lg?si=VuvyN8yCiSxDVwAx Fine Arts - Traditional Art or Encient Art (Any One 2D/3D - Any Surface)	