ADRIEL HIGH SCHOOL
SESSION 2022-23
SUMMER HOLIDAYS HOMEWORK
Class- X

Dear Students,

Happy Summer Vacation!

We at ADRIEL HIGH SCHOOL have planned certain assignments / project work for you to utilize this time in the most constructive way. We have prepared Holiday Homework for you all on the principle of 'learning by doing' for Your holistic development.
Instructions-
1.   **The written part should be neatly presented in your own handwriting.**
2.   **Practice reading and writing daily.**
3.   **Practice English, Hindi,French handwriting daily.**
4.   **Revise all work done in class.**
5.   **Always try to speak in English with your family members.**
6.   **Participate in household work like watering plants, organizing room and cupboard .**
7.   **Respect your elders.**
8.   **Exercise regularly.**
9.   **Maintain a daily diary.**
10. **Eat a healthy and balanced diet .**

Subject	Assignment/ Project/ Activities	Instructions	Marks
English	1.Describe the following in 300 words: A. Apartheid (Nelson Mandela- A long walk to freedom) B. Imprisonment (A tiger in the zoo) 2. Smartphones are one of the most important means of communication today. But it has also become a nuisance for some. Write an article in around 150-200 words. 3. Letter to Editor highlighting the neglect of our national monument and how these are being damaged in the present day scenario.	All the written work to be done in A4 size colour sheets. It should be put together in a folder with a proper first page , introduction and index sheet attached.	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)

Hindi	अपठित गद्यांश के नियम,एक गद्यांश व उसके प्रश्न उत्तर परियोजना में लिखिए। पत्रों का हमारे जीवन में महत्व लिखिए। सूरदास का जीवन परिचय लिखिए । सूरदास का चित्र बनाइए या चिपकाएँ। उनके किन्हीं चार दोहो की व्याख्या लिखें। यात्रा का हमारे जीवन में महत्व बताते हुए भारत के किन्ही पांच दार्शनिक स्थलों के बारे में लिखो व वहां का चित्र भी चिपकाओ।	एक फाइल बनाएं। महत्वपूर्ण बिंदुओ को रंग से रेखांकित कीजिए। फाइल को सुंदर कवर कर के कक्षा में प्रस्तुत करे।	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)
Social Science	1. Every student has to undertake any one project on the following topics: Consumer Awareness **Or** Social Issues **Or** Sustainable Development 2. GEOGRAPHY (Outline Political Map of India) Chapter 1: Resources and Development a. Major soil Types Chapter 3: Water Resources (Locating and Labelling) in Thematic map Dams: Sardar Sarovar Hirakud BhakraNangal Tehri Nagarjuna Sagar Rana Pratap Sagar Tungabhadra Salal Chapter 4: Agriculture a. Major areas of Rice and Wheat b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute	Prepare the project on A4 Size sheet. Map work in a Map File.	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)

Science	1.Make an Innovative 3D model or scientific game or toy of your choice. (Topic should be from your science syllabus) 2. Write the discussed Experiment in Physics, Chemistry and Biology Practical File.	Write up to be done on A4 size colored sheets. All the assignments is to be done in Holidays Homework Notebook	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)
Math	**Do the following activities in math activity file**: 1) To find the zero(es) of a quadratic polynomial geometrically. 2) To obtain conditions for consistency of a system of linear equations in two variables by graphical method. 3) To verify that the given sequence is an arithmetic progression by paper cutting and pasting method. 4) To verify the Pythagoras Theorem by the method of paper folding, cutting and pasting. 5) To verify experimentally a trigonometric identity ($sin^2\theta + cos^2\theta = 1$) 6) To verify that the sum of areas of three sectors of the same radii 'r' formed at the vertices (as centre) of any triangle is $\frac{\pi r^2}{2}$ using paper cutting and pasting methods.	Activities to be done in math activity file. Students can refer to the math lab manual book.	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)
Computer Science	Create a Report file including 10 HTML codes from the book.	Save your code and its output . Take the print of both code and output on the same page on A4 size paper. Arrange them all in a file.	**20** (5- Presentation 5- Creativity 5- Content 3- Conclusion 2- On-time Submission)

Happy Holidays
"STAY SAFE, STAY HEALTHY"