ADRIEL HIGH SCHOOL
SESSION 2023-24
SUMMER HOLIDAYS HOMEWORK
CLASS- X

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 .
11. Read the Hindi Books of following authors : Premchand, Harivansh Rai Bachchan, Harishankar Parsai,Mahadevi Verma
12. Movies to watch:Interstellar, Apollo 13, Hidden Fear. Ashoka –Secret Invasion

Subject	/ Project/ Activities	Instructions	Marks
English	1. Research about places to visit in 'Uttarakhand' and prepare a Assignment'Travel Brochure' of any one place describing the location, ways to reach there, weather, best time to visit, hotels, the flora and fauna, food suggested, activities, culture etc. Note the following points : • It should be handwritten. • There should be 5 to 7 pages in total where you draw up or paste some pictures associated with that place. Draw borders around the pictures if they are pasted and give details about the same. • There should be interesting and catchy Headings above each detailed paragraph. • Conclusion should include how human interference in that region has affected the place. 2. Read the books of the following Author: • Agatha Christie • Ruskin Bond • R.K Laxman • Conan Doyle • Charles Dickens	English project should be neatly submitted in coloured A-4 size sheets. (Spiral Bind)	Content-3 Language-2 Expression-2 Presentation-2 Timely Submission-1

Hindi	1 .अपने हिंदी विषय के लिए एक पोर्टफोलियो तैयार ै करें । 2.आप अडमान ॉ निकोबार कि किसी होटल के मार्केटिगं ऑफिसर हैं।अपने होटल की प्रसिद्धि के लिए एक विवरणिका (Brochure) तैयार ै कीजिए जिसमें होटल में तथा अडमान ॉ निकोबार के जलवायु,खानपान , वेशभषा ू आदि का वर्णनर्ण दिया हो । 3.लक्षद्वीप और दिल्ली के विशषे स्थलों का परिचय देते हुए संदरु चित्र सहित कोलाज बनाइए । 4.रहीम और कबीर के दोहों को पढ़िए और उन्हें कंठस्थ कीजिए ।	नीचे दिए गए लिकं के सहायता से अपने प्रोजेक्ट परूे कीजिए तथा कवर पेज भी तैयार ै कीजिए । 1.https://youtu.be/YgcOpXjNoN0 2.https://youtu.be/WT2o4my_oFM	विवरण -2 प्रस्ततीकरण -2 रचनात्मकता -2 अवलोकन-2 समय पर कार्य पर्तिूं -2
Maths	QA. Do given online test . https://5- Content/www.studiestoday.com/online-test-cbse-class-10-mathematics-polynomials-online-test-set-b-296279.html QB. Do given assignment in Maths notebook : Q1. What number should be added to the polynomial x^2-5x+4, so that 3 is the zero of the polynomial? Q2. If α and β are zeros of $p(x) = x^2+x-1$, then find $1/\alpha+ 1/\beta$? Q3. If α and β are the zeros of the quadratic polynomial $f(x) = 2x^2 -5x + 7$, find a polynomial whose zeroes are $2\alpha+ 3\beta$ and $3\alpha+ 2\beta$? Q4. How many variables are there in the equation $2x-3y+4=0$? Q5 . For what value of m the system of linear equation has unique solution? $2x + 3y = 7$ $2mx + y = 28$ Q6 . How many solutions the following simultaneous linear equations have? $4x+6y=9$, $2x + 3y = -11$ Q7. If a system of equations is inconsistent, then what type of graph the equations will have? C. Lab activity 1 Verify the conditions for consistency of a system linear equations in to variables by Graphical representations https://www.cbsetuts.com/ncert-class-10-maths-lab-manual-linear-equations/ Make Trigonometric Table on A4 size sheet	Do Q A online Do Q B in your Maths notebook. Do Q C in Practical File	20 Marks (5- Presentation 5- Creativity 3- Content Accuracy 2- On-time Sb missioun)
Science	*Prepare a Project cum Model based on Sustainable Development in our Ecosystem	1.Make use of metal scrap, paper scrap, empty plastic bottles, metal wires, coconut shells, waste tyres etc	20 Marks Creativity- 4 ideology-4 Presentation-4 Innovation- 4

S.ST	Every student has to compulsory undertake one project on (Choose any one)	Project on A4 Size sheets , Use Ring file Total length of the project is not more than 20 sheets. For example use link https://youtu.be/BKkD92_Raoo	Content Accuracy-3 marks Originality-2 marks Presentation- 3 marks On time submission -2 marks
	1.Consumer Awareness: The content must cover the following:		
	• Meaning of Consumer Awareness		
	• Forms of Consumer Exploitation/ Malpractices		
	• Factors causing exploitation of the Consumers		
	• Enactment of COPRA 1986 and its benefits		
	• Role of WTO in protection of Consumers		
	• Rights and Duties of the Consumers		
	• Consumer Protection Measures		
	OR		
	2.Social Issues: Prepare a project on any three of the following social evils still prevailing in our society;		
	- highlighting the reasons, effects and suggest solutions to get them eliminated from our country.		
	•Poverty		
	• Illiteracy		
	• Corruption		
	• Gender Inequality		
	• Inflation, hoarding and panic buying during pandemic crisis		
	• Domestic violence against women and child abuse		
	The students must write about following key matter:		
	a. Social issues in Indian Society		
	b. Reforms initiated to combat the social issues		
	c. Role of Popular leaders and movements.		
	OR		
	3. Sustainable Development :		
	The students must write about following key matter:		
	a. Need for development.		
	b. Importance of development		
	c. Policies initiated to adopt measures for Sustainable Growth		
	4. Map work:		
	Locate and label the following on the political map of India:-		
	(i)Major soil Types		
	(ii) Water Resources : Dams - Salal,Bhakra Nangal,Teheri,Rana Pratap Sagar,Sardar Sarover, Hirakud, Nagarjuna Sagar,Tungabhadra.		
	(iii)Major area of rice and wheat		
	Largest /Major producer state of Sugarcane ,tea,Coffee ,Rubber ,cotton and Jute		
	(iv)Indian National Congress Sessions :-		
	*Calcutta (sept.1920) *Nagpur (December 1920) *Madras (1927) *Lahore (1929)		

	(v)Important Centers of Indian National Movement *Champaran *Kheda * Ahmedabad * Chauri Chaura *Dandi *Amritsar (vi) Software Technology Parks :- Noida, Gandhinagar, Mumbai, Pune, Hydrabad, Bengaluru, Chennai, Thiruvananthapuram. (vii)Power plant : a.Thermal –Namrup,Ramagundam,Singrauli b.Nuclear –Narora,Tarapur,Kakrapara,Kalpakkam (viii) Major Ports and International Airport (That is given in syllabus) (ix) Iron Ore mines, Coal mines and Oil Fields (That is given in syllabus) 5.Write a note on Mahatma Gandhi Ji and How Gandhi ji shaped our Independence. 6. Learn Chapter 1 from each book.		

Computer Science	Q1. Create a web Page using HTML
	
	- Background Colour is Aqua
	- Horizontal Lines:
	  1. Colours: Red,Yellow,Pink
	  2. Occupying 75%of the window.
	  3. Thickness is 20,30,and 40 respectively
	  4. Font size is 5.
	  5. Reference Link :
	
	  https://www.youtube.com/watch?v=kMme0C9lMhQ&ab_channel=FullyworldWebTutorials
		Project on A4 Size sheets , Use Ring file	On time Submission 2marks

Happy Holidays
"STAY SAFE,
STAY HEALTHY"