



Aryan International School

Sr. Sec. (Recognised and Affiliated to C.B.S.E.)

AIS/MISC/2024-25/14

Date: 2nd January 2025

Winter Holiday Homework (January 2025)

CLASS - IX	
Subject	ACTIVITY/ PROJECT TASK
ENGLISH	<ul style="list-style-type: none"> Prepare a project file on two poets like - Robert Frost and Gieve Patel, discussing their personal and professional life.
	<ul style="list-style-type: none"> On A4 size sheet paste or make picture of 'Statue of Unity' and write a descriptive paragraph on it.
HINDI	<ul style="list-style-type: none"> पाठ- 4 वैज्ञानिक चेतना के वाहक चंद्र शेखर वेंकट रामन के आधार पर विज्ञान के क्षेत्र में योगदान देने वाले किन्हीं पांच वैज्ञानिकों पर परियोजना तैयार कीजिए।
	<ul style="list-style-type: none"> A-4 sheet पर गुजरात राज्य में स्थित गांधीजी के आश्रम से संबंधित चित्र चिपकाइए और उनके बारे में लिखते हुए एक पोस्टर बनाइए
MATHEMATICS	Kindly prepare project file.
	<ul style="list-style-type: none"> Real numbers (introduction the concept of real numbers, exploring real numbers, types of real number rational and irrational introduce these types)
	<ul style="list-style-type: none"> Worksheet (Do in your maths notebook)
SCIENCE/ EVS	Virtual tour to Gujrat
	<ul style="list-style-type: none"> Plan a tour to Gujrat .find out 3,4 dishes of that region and list all the nutrients present in the dishes .paste picture of dishes around the map of Gujarat .
	<ul style="list-style-type: none"> Submit your findings in a form of pictorial representation .
SOCIAL	Choose Any one topic for project . Project should be at least 12-15 pages
	1. Natural vegetation and wildlife
	2. Natural disaster and Management
	3. Forest society and colonialism
	Use A4 size sheet + paste relevant pictures
	The Project can be handwritten (12_15 pages)/ PPT/video/
	documentary. It will be marked under subject enrichment and carries a weightage of 5 marks
I.T.	Prepare one of the following as per the Roll No.
	1) Prepare a Excel Data on population from Census year 1901 to Census year 2011 of Gujarat and its chart as well . Submit its print out. (R.N. 1-15)

2) Prepare a **Word Document of 2 pages** on “Why Gujarat is known as Jewel of Western Indian?” Submit its print out. (R.N. 16-30)

3) Prepare a **Project file of (8 to 10 pages)** on **Entrepreneurship and its Contribution to Economic Development. The project must be handwritten.** (R.N. 31 to last)

CLASS - XI

Subject	ACTIVITY/ PROJECT TASK
ENGLISH	Q1. Suppose you went to Gujarat and visited some famous places like - 'Statue of Unity ', 'Gir National Park' and many more. Prepare a 'travelogue' in your own words. You may use your own creativity and pictures to make the travelogue more attractive.
	Q2. The timeline of a student's academic advancement is displayed in their portfolio, which aids in preparing them for education & sports purposes. Students, prepare a 'PORTFOLIO'. You may use your own creativity.
PHYSICS	<ul style="list-style-type: none"> Travel brochure: Research about place to visit in Gujarat and prepare a travel brochure describing the location , ways to reach there , weather , best time to visit , hotels , suggested activities
	<ul style="list-style-type: none"> Also find out the cost and time of travel by different means. Also calculate speed of each transport on the basis of information you calculated
CHEMISTRY	Kindly Prepare INVESTRIGATORY PROJECT File(According to Roll No)
	<ul style="list-style-type: none"> Chemistry Project on Food Adulteration (R.N. 1-5)
	<ul style="list-style-type: none"> Chemistry Project on Measurement of Acetic Acid in Vinegar (R.N. 6-10)
	<ul style="list-style-type: none"> Chemistry Project on Rusting of Iron (R.N. 11-15)
	<ul style="list-style-type: none"> Chemistry Project on Electrochemical Cell (R.N. 16-20)
	<ul style="list-style-type: none"> Chemistry Project on Green Chemistry – Biodiesel and Bio petrol (R.N. 21-25)
BIOLOGY	<ul style="list-style-type: none"> Prepare a travel brochure : Research about places to visit in Gujarat and prepare a report about the impact of industrial waste on nearby plant life and investigate the effects of changing weather patterns on local crop yields.
	<ul style="list-style-type: none"> Do learn chapter - 5 (Morphology of plants) , chapter - 6 (Anatomy of flowering plants) , chapter - 2 (Biological classification).
	<ul style="list-style-type: none"> Complete the assigned practical along with diagrams in biology practical file.
MATHS	Prepare a maths project file on limits and derivatives with their uses in different segments as banking sector, corporate, defence etc as well as in our daily life under the headings given below
	<ul style="list-style-type: none"> Objective
	<ul style="list-style-type: none"> Materials required
	<ul style="list-style-type: none"> Theory and formulae used
	<ul style="list-style-type: none"> Four uses in different segments as
	A) banking sector
	B) corporate sector
	C) defence- army , Airforce , navy etc
D) in our daily life	

BUSINESS	Kindly prepare project file.(According to Roll No.)
	• Fast moving consumer goods. (R.N. 1-6)
	• Aids to trade . (R.N. 7-12)
	• Banking system . (R.N. 13-18)
	• A visit to departmental stores. (R.N. 19-24)
	• Public Limited company. (R.N. 25-29)
ACCOUNTANCY	Prepare a comprehensive project
	• 30 Transactions of sole proprietorship
	• Journal, Ledge & Trail Balance
	• Final Account (Trading, Profit & Loss and Balance Sheet)
ECONOMICS	Kindly prepare project file.(According to Roll No.)
	• Demand . (R.N. 1-6)
	• Central Problem of Economy. (R.N. 7-12)
	• Production Function . (R.N. 13-18)
	• Collection of data. (R.N. 19-24)
	• Supply. (R.N. 25-29)
HISTORY	PROJECT WORK
	Kindly prepare project file according to your roll no
	1. Mesopotamian Civilization (R.N. 1-5)
	2. Contribution of Roman Civilization (R.N. 6-10)
	3.The spirit of Renaissance: Manifestation in art; Literature; Sculpture; Influence on Trading (R.N. 11-15)
	4. Three orders of Europe (R.N. 16-20)
GEOGRAPHY	<u>Q-1PROJECT WORK</u>
	a. Prepare a map of India showing the distribution of different types of forest
	b. Write about the economic importance of forest for the country
	c. Prepare a historical account of conservation of forest movement in Rajasthan and Uttaranchal
	Q-2 Complete your Geography practical file
PHE	Choose Any one topic for project.
	1. Prepare a project on postural deformities.
	2. Prepare a project on Surya-Namaskar Asana.
	3. Prepare a project on Pranayam

HINDI

A-4 साइज शीट पर गुजरात के किन्हीं दो प्रसिद्ध कवियों का सचित्र परिचय दीजिए।
दिया गया परियोजना कार्य पूर्ण करें ।
कक्षा में करवाया गया कार्य याद करें ।