

CLASS XII
HOLIDAYS HOME WORK
ART INTEGRATION ACTIVITY
2023-24

ENGLISH
ALS_ PROJECT GUIDELINES.

The objectives of the project work:

Objectives of project work are to enable learners to:

- Develop a sense of enquiry and research, initiate action and reflect on knowledge and skills, views etc. acquired during the course of class XII.
- Analyse and evaluate real world scenarios using surveys, interviews and arguments
- Demonstrate critical and creative thinking skills
- Present an independent and extended piece of work
- Develop the communication skills to present logically

Steps involved in the conduct of the project:

Students may prepare portfolio upon the following lines as suggested:

- Choose a title/topic
- Collection of the research material/data
- Organization of material/data
- Present material/data
- Analysing the material/data for conclusion
- Draw the relevant conclusion
- Presentation of the Project Work

Expected Checklist for the Project Work:

PROJECT-PORTFOLIO/ PROJECT REPORT

The Project-Portfolio is a compilation of the work that the students produce during the process of working on ALS Project.

The Project-Portfolio may include the following:

- Cover page with title of project, school details/details of students.
- Statement of purpose/objectives/goals
- Certificate of completion under the guidance of the teacher.
- Action plan for the completion of assigned tasks.
- Materials such as scripts for the theatre/role play, questionnaires for interview, written assignments, essays, survey-reports and other material evidence of learning, progress and academic accomplishment.
- The 800-1000 words essay/Script/Report.
- Student/group reflections.
- If possible, Photographs that capture the positive learning experiences of the student(s).
- List of resources/bibliography.
- Short-term and long-term implications of strategies suggested in the course of research

- Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file
- Presentation and writing that is succinct and coherent in project file
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

RULES:

- Group Activity
- Make Teams
- Choose a group leader.
- Each team to choose a topic from the list provided.
- Decide upon the **DRIVING QUESTION** related to the theme (**DRIVING QUESTION is an open-ended question that students understand and find intriguing, which encourages them to explore and collaborate in their Project. How can I and my group members prove that....**)
- Start research work based upon your DRIVING QUESTION
- Decide research methods- interviews/surveys/questionnaires.
- Be original. Avoid plagiarism.
- Team leader to divide work- Work Distribution
- Collaborate
- Prepare presentation (AUDIO/VISUAL) include **opportunities for listening and speaking.**
- Interview
- Video presentation
- One-Act play.
- Podcasts/ Documentaries
- Panel discussion
- News reporting
- Journalist shows.
- Debates
- Draft a report in 800-1000 words based on research and presentation.
- Documentation- Create a portfolio
- Viva based on project work.

TOPICS FOR PROJECTS:

1. Journey is more important than destination
2. There is no absolute good or absolute evil on earth
3. Is materialism a rattrap?
4. Empathy is transformational leadership
5. Impact of films in society
6. Introspection & self-reflection contributes to self-growth
7. Courage and optimism help conquer fear
8. Are teen actor's child labours?
9. Fantasy is a necessary ingredient of life.
10. Teamwork makes common people achieve uncommon results.
11. Women empowerment-a myth in developing countries.
12. Empathy hinders national loyalty.

AIL PROJECT

GENERAL INSTRUCTIONS:

1. Do any **ONE** of the following activities.

- i. Brochure
- ii. Pamphlet
- iii. Booklet
- iv. PowerPoint Presentation
- v. Poster
- vi. Poetry Composition

2. You will work in teams. Each team will comprise of five / six members

For PowerPoint Presentation:

- i. Each team will make a minimum of 6 slides and maximum of 10 slides.
- ii. The work of all the 5/6 members of a team should be combined into one presentation clearly mentioning the efforts of all the team members.

For a Brochure/ booklet or Pamphlet:

- i. Each team will make minimum 10 pages and maximum 15 pages)
- ii. The work of all the 5/6 members of a team should be combined into one Booklet/Brochure/Pamphlet with a minimum of 10 pages and maximum of 15 pages, clearly mentioning the efforts of all the team members.
- iii. The work should be divided equally among the team members as each member will be marked individually.

For Poetry Composition

- i. Should be self-composed
- ii. Illustrations necessary
- iii. Use minimum 2 /3 poetic devices
- iv. Minimum 4 lines, maximum three verses
- v. Can be rhyming or a free verse

Guidelines to be followed

- i. Highlight the topic
- ii. Cite sources / Add bibliography

***IT IS MANDATORY TO INCLUDE YOUR AIL PROJECT WITH ALS PROJECT.**

***FOR YOUR INTERNAL ASSESSMENT YOU WILL BE MARKED ON BOTH ALS & AIL AS AN INTEGRATED WHOLE.**

ECONOMICS

Only ONE Project is to be done throughout the session. (According to CBSE, Weightage of Project 20 MARKS)

Steps involved in the conduct of the project:

Expected Checklist for the Project Work:

Students may work upon the following lines as a suggested flow chart:

- Choose a title/topic Collection of the research material/data
 - Organization of material/data
 - Various stakeholders and effect on each of them
 - Advantages and disadvantages of situations or issues identified
 - Short-term and long-term implications of strategies suggested
 - Present material/data
 - Analysing the material/data for conclusion
 - Draw the relevant conclusion Presentation of the Project Work
 - **Marking Scheme: Marks are suggested to be given as –**
-
- **1. Relevance of the topic (3 marks)**
 - **2. Knowledge Content/Research Work (6 marks)**
 - **3. Presentation Technique (3 marks)**
 - **4. Viva (8 marks)**

NOTE: Students are supposed to pick any ONE of the two suggested projects.

PROJECT 1: WHAT'S GOING AROUND US

EXAMPLE: BREXIT, IMPACT OF SRI LANKAN CRISIS ON INDIAN ECONOMY, ECONOMIC IMPACT OF RUSSIA AND UKRAINE WAR ON INDIA, INFLATION, TAXATION SYSTEM IN INDIA, SUSTAINABLE DEVELOPMENT STRATEGIES, EMPLOYMENT SECTOR, BUDGETARY DEFICITS, HUMAN RESOURCE DEVELOPMENT , ECONOMIC POLICIES LIKE MAKE IN INDIA, SKILL INDIA, START UPS etc...

PROJECT 2: ANALYSE ANY CONCEPT FROM SYLLABUS

EXAMPLE: HUMAN RESOURCE DEVELOPMENT, SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL CRISIS, ECONOMIC PLANNING, GLOBALISATION, UNEMPLOYMENT IN INDIA etc

AIL ACTIVITY FOR ECONOMICS

1. Students are required to make a group of 4-5 students.
2. Pick up topic related to Economics and do any **ONE** suggestive activity. Topics can be: Digital Marketing, Infrastructure, Cryptocurrency, International events and their impact on Indian Economy, Labour market, Inflationary pressures, Population Explosion
3. **SUGGESTIVE ACTIVITIES ARE:** Video, film making, photography, slide show, PPTs, sketching, Brochure, Flyer, Document making, Painting, Cartooning.

Use of various Media and techniques, Collage Mosaic work, Use of unconventional colours, water colours, Mind mapping, Comic strips, Newspaper etc

BUSINESS STUDIES

Students are required to Prepare **ANY ONE** Project throughout the session out of the following given topics

Project One: Elements of Business Environment (Chapter: Business Environment)

The students can select **ANY ONE** element of the following:

1. Changes witnessed over the last few years on mode of packaging and its economic impact. The students may identify the following changes:

- a) The changes in transportation of fruits and vegetables such as cardboard crates being used in place of wooden crates, etc. Reasons for above changes.
- b) Milk being supplied in glass bottles, later in plastic bags and now in tetra pack and through vending machines.
- c) Plastic furniture [doors and stools] gaining preference over wooden furniture.
- d) The origin of cardboard and the various stages of changes and growth.
- e) Brown paper bags packing recycled paper bags to plastic bags and cloth bags.
- f) Reuse of packaging [bottles, jars and tins] to attract customers for their products.
- g) The concept of pyramid packaging for milk.
- h) Cost being borne by the consumer/manufacturer.
- i) Packaging used as means of advertisements.

2. The reasons behind changes in the following:

Coca – Cola and Fanta in the seventies to Thumbs up and Campa Cola in the eighties to Pepsi and Coke in the nineties. The when India sold Coca Cola and Fanta which were being manufactured in India by the foreign companies.

The students may be asked to enquire about

- a) Reasons for stopping the manufacturing of the above-mentioned drinks in India THEN.
- b) The introduction of Thums up and Campa cola range.
- c) Re-entry of Coke and introduction of Pepsi in the Indian market.
- d) Factors responsible for the changes.
- e) Other linkages with the above.
- f) Leading brands and the company having the highest market share.
- g) Different local brands venturing in the Indian market.
- h) The rating of the above brands in the market.
- i) The survival and reasons of failure in competition with the international brands.
- j) Other observations made by the students

3. Changing role of the women in the past 25 years relating to joint families, nuclear families, women as bread earners of the family, changes in the requirement trend of mixers, washing machines, microwave and standard of living.

- a) The changes in the pattern of import and export of different Products.
- b) The trend in the changing interest rates and their effect on savings.
- c) A study on child labour laws, its implementation and consequences.
- d) The state of 'anti plastic campaign,' the law, its effects and implementation.
- e) The laws of mining /setting up of industries, rules and regulations, licences required for running that business.

- f) Social factors affecting acceptance and rejection of an identified product.
(Dish washer, Atta maker, etc)
- g) What has the effect of change in the environment on the types of goods and services? The students can take examples like:
 - Washing machines, microwaves, mixers and grinder.
 - Need for crèche, day care centre for young and old.
 - Ready to eat food, eating food outside, and tiffin centres.
 - Change in the man-machine ratio with technological advances resulting in change of cost structure.
 - Effect of changes in the technological environment on the behaviour of employees.

NOTE: QUESTIONNAIRE AND Its ANALYSIS HAVE TO BE PART OF THE PROJECT REPORT.

Project Two: Principles of Management (CHAPTER: PRINCIPLES OF MANAGEMENT)

The students are required to visit any one of the following:

1. A departmental store.
2. An Industrial unit.
3. A fast-food outlet.
4. Any other organisation approved by the teacher.

They are required to observe the application of the general Principles of management advocated by Fayol.

Fayol's principles

1. Division of work.;2. Unity of command.;3. Unity of direction; 4. Scalar chain ;5. Esprit de corps;6. Fair remuneration to all.; 7. Order.;8. Equity.;9. Discipline10. Subordination of individual interest to general interest.;11. Initiative.;12. Centralisation and decentralisation.;13. Stability of tenure.;14. Authority and Responsibility

OR

They may enquire into the application of scientific management techniques by F.W. Taylor in the unit visited.

Scientific techniques of management.

1. Functional foremanship.;2. Standardisation and simplification of work.;3. Method study.4. Motion Study.5. Time Study.;6. Fatigue Study;7. Differential piece rate plan.

NOTE: QUESTIONNAIRE AND Its ANALYSIS HAVE TO BE PART OF THE PROJECT REPORT.

Project Three: Stock Exchange (CHAPTER: FINANCIAL MARKETS)

The students are expected to:

- a) Develop a brief report on History of Stock Exchanges in India.
- b) Prepare a list of at least 25 companies listed on a Stock Exchange.
- c) To make an imaginary portfolio totalling a sum of Rs. 50,000 equally in any of the 5 companies of their choice listed above over a period of twenty working days.

The students may be required to report the prices of the stocks on daily basis and present it diagrammatically on the graph paper.

- They will understand the weekly holidays and the holidays under the Negotiable Instruments Act. They will also come across with terms like closing prices, opening prices, etc.

- During this period of recording students are supposed to distinctively record the daily and starting and closing prices of the week other days under the negotiable instrument act so that they acquire knowledge about closing and opening prices.
- The students may conclude by identifying the causes in the fluctuations of prices. Normally it would be related to the front- page news of a business journal, for example, Change of seasons. Festivals. Spread of epidemic. Strikes and accidents Natural and human disasters. Political environment. Lack of faith in the government policies. Impact of changes in government policies for specific industry. International events. Contract and treaties at the international scene. Relations with the neighbouring countries. Crisis in developed countries, etc.

The students are expected to find the value of their investments and accordingly rearrange their portfolio. The project work should cover the following aspects;

1. Graphical presentation of the share prices of different companies on different dates.
2. Change in market value of shares due to change of seasons, festivals, natural and human disasters.
3. Change in market value of shares due to change in political environment/ policies of various countries/crisis in developed countries or any other reasons
4. Identify the top ten companies out of the 25 selected on the basis of their market value of shares. It does not matter if they have made profits or losses.

PROJECT FOUR: MARKETING (CHAPTER: MARKETING MANAGEMENT)

Identify one innovative product/service which the students may like to manufacture/provide [pre- assumption]. Now the students are required to make a project on the identified product/service keeping in mind the following:

1. Why have they selected this product/service?
2. Find out '5' competitive brands that exist in the market.
3. What permission and licences would be required to make the product?
4. What are your competitors Unique Selling Proposition. [U.S.P.]?
5. Does your product have any range give details?
6. What is the name of your product?
7. Enlist its features.
8. Draw the 'Label' of your product.
9. Draw a logo for your product.
10. Draft a tag line.
11. What is the selling price of your competitor's product? (i) Selling price to consumer (ii) Selling price to retailer (iii) Selling price to wholesaler
What is the profit margin in percentage to the Manufacturer, Wholesaler, Retailer?
12. How will your product be packaged?
13. Which channel of distribution are you going to use? Give reasons for selection?
14. Decisions related to warehousing, state reasons.
15. What is going to be your selling price? (i) To consumer (ii) To retailer (iii) To wholesaler
16. List 5 ways of promoting your product.
17. Any schemes for (i) The wholesaler (ii) The retailer (iii) The consumer
18. What is going to be your 'U.S.P'?
19. What means of transport you will use and why?

20. Draft a social message for your label.
21. What cost effective techniques will you follow for your product.
22. What cost effective techniques will you follow for your promotion plan.

On the basis of the work done by the students the project report should include the following:

- Type of product /service identified and the (consumer/industries) process involve therein.
- Brand name and the product.
- Range of the product.
- Identification mark or logo.
- Tagline.
- Labelling and packaging.
- Price of the product and basis of price fixation.
- Selected channels of distribution and reasons thereof.
- Decisions related to transportation and warehousing. State reasons.
- Promotional techniques used and starting reasons for deciding the particular technique.
- Grading and standardisation

NOTE: QUESTIONNAIRE AND Its ANALYSIS HAVE TO BE PART OF THE PROJECT REPORT.

Presentation and Submission of Project Report

At the end of the stipulated term, each student will prepare and submit his/her project report. Following essentials are required to be fulfilled for its preparation and submission.

1. The project should be handwritten.
2. The project should be presented in a neat folder.
3. The project report should be developed in the following sequence:
 - Cover page should include the title of the Project, student information, school and year.
 - List of contents.
 - Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped).
 - Certificate
 - Introduction.
 - Topic with suitable heading.
 - Planning and activities done during the project, if any.
 - Observations and findings of the visit.
 - Conclusions (summarized suggestions or findings, future scope of study).
 - Photographs (if any).
 - Bibliography

NOTE: QUESTIONNAIRE AND Its ANALYSIS HAVE TO BE PART OF THE PROJECT REPORT.

ART INTEGRATED LEARNING(AIL) ACTIVITY

Students are required to prepare a group of 4-5 students from class and do ANY ONE of the following activities as part of their AIL Project

- 1) Prepare an advertisement/brochure/pamphlet.
- 2) Role Play (can be performed or animated) based on real life situations, exercises of plot and conflict based on stories from textbooks or movies or classical dramas.

- 3) Character dramatization (Henri Fayol, F.W. Taylor, Founders or CEO of companies)
- 4) Puppet Show (Construction of puppets and their costumes and improvised puppet stage or theatre).
- 5) Digital Posters
- 6) Making of mind map/ drawing/paintings, using pencil, charcoal, water colour, crayon, oil colours, poster colour, acrylic colour and other unconventional sources of colours such as vermillion yellow and red earth, rice flour, and tools like paint brushes for water colours and oil colours, painting surfaces such as papers of various kinds and quality like canvas, hardboard, simple marking cloth pasted on paper, use of Rangoli (on fabric/wall/floor or digital), etc.
- 7) Video with voice over.
- 8) Collage making using coloured paper.
- 9) Comic strip with a variety of coloured papers and coloured printed pictures/ photographs from magazines and newspapers
- 10) PPT/Video/Film Making/ Animated Video on any topic of your choice from Business Studies Syllabus.

Suggested topics for AIL

- 1) Consumer Protection
- 2) Principles of Management
- 3) Dimensions of Business Environment
- 4) Stock Exchange- Trading procedure
or any other topic from your textbook

ACCOUNTANCY

Q) Prepare a Specific project on Segment Analysis of a Company. Select a Public Company, analyse its various segments for Quarter ending 31st March, 2021 and find out which segment is performing best and which segment is not doing so well.

ART INTEGRATED LEARNING ACTIVITY (AIL)

Students are required to prepare a group of 4-5 students from class and do the following two activities as part of their AIL Project

(A) Select any one of the following activities -

- Prepare a Mind Map using any IT based software, Infographics.
- Skit based on real life situations, exercises of plot and conflict based on stories from textbooks or movies or classical dramas.
- Use of pencil, charcoal, water colour, crayon, oil colours, poster colour, acrylic colour and other unconventional sources of colours such as vermillion yellow and red earth, rice flour, and tools like painting brushes for watercolours and oil colours, painting surfaces such as papers of various kinds and quality like canvas, hardboard, simple marking cloth pasted on paper, use of Rangoli, etc.

- Collage and mosaic work with a variety of coloured papers and coloured printed pictures/photographs from magazines and newspapers.

(B) PPT /Video /Film Making/ Animated Video on any topic of your choice from Accountancy Syllabus

Suggested topics for AIL

- Factors Affecting Goodwill
- Treatment of Goodwill
- Partnership deed
- Rights of Equity Shareholders
- Annual report of a company
- Admission of a Partner
- Dissolution of Partnership firm
- Ratios Analysis
- Terms related to Issue of Shares/debentures or any other topic from your textbook.

MATHEMATICS

Students are required to prepare an activity file explaining the:

Objective

Materials required/ used

Demonstration

method of construction

observations and applications. (Minimum two examples are to be used while explaining the applications)

Activities:

1. To draw the graph of $\sin^{-1} x$, using the graph of $\sin x$ and demonstrate the concept of mirror reflection (about the line $y = x$) (activity 5)
2. To explore the principal value of the function $\sin^{-1} x$ using a unit circle (activity 6)
3. To find analytically the limit of a function $f(x)$ at $x=c$ and also to check the continuity of the function at that point (activity 9).
4. To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner (activity 16).
5. To verify that amongst all the rectangles of the same perimeter, the square has the maximum area (activity 18).

AIL Project

A video, PPT/slideshow, presentation, 3D models, puzzles, quizzes, textile designing, crosswords, photo exhibition etc. can be prepared explaining the practical applications of topic selected.

Students can form teams of 4-5 members and the team leader can present the prepared activities in class.

PHYSICS

1. Prepare an INVESTIGATORY PROJECT(REPORT) on any one of the TOPICS from Physics (XII)

Some examples are here for your reference: -

- a) To find the refractive index of different liquids using hollow prism.
 - b) To find the refractive index of different liquids using hollow glass slab.
 - c) To design logic gates using diodes and transistors.
- Or any other suitable topic

2. ART INTEGRATION ACTIVITY:

You are required to any one of the following Activities for Physics Art Integration.

1. To Draw/Paint a Cartoon on Physics having following subtheme.

- a.) Physical quantities talking to each other.
- b.) Any law of physics is being depicted.
- c.) Scientist explaining his/her invention or discovery.

2.) To Draw/Paint a Sketch of your favorites Scientist and its famous invention or discovery.

3.) To study about different types of Optical illusion and design a Poster showing an Optical Illusion and brief write up explaining the illusion.

Pls. note: You are allowed to choose any other creative activity for integrating Physics and Art. (But discuss it with the subject teacher before finalizing it)

CHEMISTRY

I Make an investigatory project on a suitable topic and maintain the record in a file in the following format:

- 1. AIM
- 2, THEORY (IN DETAIL)
- 3. PROCEDURE
- 4. OBSERVATIONS
- 5. CONCLUSION
- 6. APPLICATION
- 7. BIBLIOGRAPHY

SUGGESTED TOPICS:

- 1. Casein content in different milk samples
- 2. Preparation of potash alum from scrap aluminium
- 3. Analysis of coconut water/honey/toothpaste
- 4. Preparation of soya milk and its comparison with natural milk
- 5. preparation of paints and pigment To dye wool and cotton cloth with malachite green
- 6. To study harmful effects of hair colours and comparison with ammonia free hair colour
- 7. Effect of metal coupling on rusting of iron
- 8. To detect the presence of oxalate ion in different stages of ripening of guava

9. Alcohol content in cough syrups
 10. Comparative study of various antacids
- OR ANY OTHER SUITABLE TOPIC

II Art Integrated Activity:

Study and use of various media and techniques to the extent of their availability.

This may include a video, power point presentation, mind mapping etc.

BIOLOGY

Make a presentable project file on any relevant topic of Biology.

- *Select the topic of your choice.
 - *Discuss it with your subject teacher for approval.
 - *Do the research work and collect the information.
 - *Draw the diagrams or paste the pictures wherever required.
 - *Do some experimentation, if feasible.
 - *Write everything in a project file.
 - *The first page of the file should be created as an amalgam of the entire details of the project,
in any form like a poster/painting/sketch/science toon/ digital poster/poetry expression/
Collage or any other way.
- This particular page will be considered as an AIL activity.

COMPUTER SCIENCE

Art Integrated Learning Activity:

Create a digital infographic that explains a networking concept or technology. Your infographic should be visually appealing and should use creative design elements to convey information in an engaging way. Use any digital tool of your choice to create your infographic and be creative in your design and layout. Write a short reflection on your infographic, explaining the design choices you made and how they relate to the networking topic you chose.

Suggestive software's: Adobe Express, Canva, Sketchbook, Tinker cad, GIMP, Procreate, ArtRage, Inkscape, Paint.net, Corel Painter

You may also use the H5P.

Note- Student can also create the Movie or mind map using any OSS software.

Group of maximum 5 students.

Chose any two bullets' points for creating Infographics

- Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)
- Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
- Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fibre-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)
- Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)

- Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
- Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP
- Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting

1. Part 1 - Python Programming

- Write 20 Python programs using the functions and concepts discussed during class. These programs should demonstrate your understanding of topics such as data types, loops, conditional statements, functions, string, list, tuple and dictionary.
- Submit a hard copy of each program, along with the output of the program. Label each program clearly and organize them in a logical order.

INFORMATICS PRACTICES

Prepare the PowerPoint / Mind Map / Animated video (All) covering all the topics mentioned below.

1. Unit 3: Introduction to Computer Networks

Introduction to networks, Types of networks: LAN, MAN, WAN.

Network Devices: modem, hub, switch, repeater, router, gateway

Network Topologies: Star, Bus, Tree, Mesh.

Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP.

Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.

Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.

2. Take data of your interest, then plot LINE, BAR and HISTOGRAM CHARTS using different plotting functions of the Matplotlib library.

HISTORY

Prepare a rough draft for the project on any one of the following topics. The rough draft should comprise of relevant factual information, surveys and critical analysis.

- (1) The Indus Valley Civilization- Archaeological Excavations and New Perspectives.
- (2) The History and legacy of Mauryan Empire.
- (3) Mahabharata –The great epic of India.
- (4) The History and culture of Vedic Period
- (5) Buddha Charita
- (6) A comprehensive history of Jainism
- (7) Bhakti Movement-Multiple interpretations and commentaries.
- (8) The mystical Dimensions of Sufism.
- (9) Global legacy of Gandhian ideas.
- (10) The Architectural Culture of the Vijayanagar Empire.

- (11) Life of women in Mughal rural society.
- (12) Comparative analysis of the Land Revenue Systems introduced by the Britishers in India.
- (13) The Revolt of 1857 -Causes, Planning and Co-ordination: Leadership, vision of Unity.
- (14) The Philosophy of Guru Nanak Dev
- (15) The Vision of Kabir
- (16) An insight into the Indian Constitution.
- 17)Comparative study of stupas and pillar edicts.
- 18) Comparative study of Mughal and Vijayanagar architecture.

AIL PROJECT

For this activity students will work in groups. Each group comprising of 4-5 students. PowerPoint presentation, virtual tours, poetry, speech enactment, videos with voice over, videos of music and dance performance, sketching, painting, mind mapping can be incorporated in showing creative depiction of the topics.

POLITICAL SCIENCE

(Project Work) Prepare a Project file on any one of the following topics.

The Project file should have complete and detailed information along with a critical analysis of the topic and the sub-topics. It should include newspaper articles and political cartoons. The Project file is to be prepared individually by each student.

The Art-Integrated Learning activity is to be incorporated into the project.

1. NAM- 1961 to present times.
2. Division of Germany with a special focus on the construction and dismantling of the Berlin Wall.
3. CIS-Central Asian Republics (with sp. focus on Russia-Ukraine crisis)
4. Disintegration of the USSR with a special focus on role of Gorbachev.
5. Arab Spring
6. Cover the negative as well as positive aspects of the relationship between India and the following countries.

Focus on any one of the following **(current updates should be highlighted)**:

- a) Relationship between India and Russia
- b) Relationship between India and China
- c) Relationship between India and Pakistan
- d) Relationship between India and Bangladesh
- e) Relationship between India and Sri Lanka
7. ASEAN (with sp. focus on relationship between India and ASEAN)
8. European Union and BREXIT-(Response of EU in Russia -Ukraine crisis)
9. BRICS
10. SAARC
11. India's Nuclear Policy (must include the current updates with regards the government policy)
12. United Nations with a focus on India's candidature in Security Council.
13. UN Agencies – UNICEF, UNESCO, WHO
14. Pandemics: Covid-19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)
15. Partition of India and its legacy
16. Comparison between NITI AAYOG and Planning Commission and their contribution to India's Development.

17. Election 2019- Rise of BJP and Downfall of Congress (1989-2019)
--updates till 2023 must be included
18. Emergency – A Blot on Indian Democracy
19. NDA III and NDA IV – Social and Economic welfare programs.
20. Terrorism as a major threat to International Security
21. South Korea as an Emerging Power
22. Japan as an Emerging Power
23. Globalization and its impact
24. Contribution of Sardar Vallabh Bhai Patel in the integration of princely states
25. Regional Aspirations – Jammu- Kashmir 1947-2023 with sp. focus on the revocation of Art.370.

ART INTEGRATED LEARNING-

Any one of the following can be selected -

PowerPoint Presentations, Speeches by Notable Indian and International Leaders, Enactment of any notable political incident, Model United Nations, Videos explaining your project topic, Caricatures, Political cartoons relevant to your selected topic, paintings-- depicting traditional art forms and self-composed poems to be incorporated in project topics.

HOME SCIENCE

- I Preparation and use of any one teaching aid to communicate socially relevant messages for children/ adolescents /adults in the community.
- OR**
- Preparation of any one educational toy for children (age appropriate) using locally available and indigenous material
- II Develop a leaflet/pamphlet for Consumer Education and Protection on any two the following:
 - a) Consumer Protection Act (CPA)
 - b) Consumer responsibilities
 - c) Consumer organization
 - d) Consumer Problems
 - III Design, prepare and evaluate a processed food product.
 - IV Design a **Digital Brochure** for a comparative study of Delhi, Lakshadweep and Andaman & Nicobar Islands about *their traditional costumes* (both men and women) and *accessories like jewellery etc.* (Group Activity – 5 each) (**Art Integrated Project**)
 - V **PROJECT WORK** (Any one)
 1. Study of an integrated community based, nutrition/health programme being implemented in own area, with reference to
 - b) Programme objectives
 - c) Focal Group/Beneficiaries
 - d) Modalities of implementation
 2. Visit to the neighbouring areas and interview two adolescents and two adults regarding their perception of persons with special needs.
 3. Profile any two persons (child/adult) with special needs to find out their diet, clothing, activities, physical and psychological needs.

4. Planning any five messages for nutrition, health and life skills using different modes of communication for different focal groups.
5. Market survey any five processed foods with their packaging and label information.

SOCIOLOGY

Research project

Students of class XII are requested to submit a research-based project on any 1 of the contemporary social issues.

List of topics –

- a. Submit a piece of research on Queer studies and LGBT rights in India. Section 377.
- b. Health care policies of infant and maternal study in India.
- c. A study on the ways to reduce violence against women.
- d. Submit a piece of research on how Indians perceive mental health.
- e. Food culture and the changing habits of consumers.
- f. Bullying among youth.
- g. Population explosion - A relative study on unemployment
- h. An intensive study on Peer pressure among youth
- i. Human trafficking in India
- j. Impact of social media trends on behavioral pattern on the youths.
- k. A sociological study on gender and sexuality.
- l. A study of women at workplace.
- m. Influence of parenting style for self-esteem on children.
- n. Challenges faced by the transgender community.
- o. Caste system: a socio-economic study in India.
- p. New trends in social movements in India.
- q. Study on the new trends in family and marriage system in India
- r. Juvenile delinquency: crime and deviance.
- s. Patterns of social inequality among the Indian mass.
- t. A socio-economic study of tribal population in India.

INSTRUCTIONS:

- A. Conduct interviews, surveys and then pen down your observation
- B. With the help of your presentation prepare a beautifully decorated project file (this should be handwritten. Typed or printed sheets would not be considered)
- C. Project file should be made in the given sequence –
 - a. Cover page with title
 - b. Acknowledgement
 - c. Certificate
 - d. Index
 - e. Research questions
 - f. Introduction of the topic
 - g. Statement of purpose/Rationale of your study
 - h. Why did you choose the topic
 - i. Objective of your study
 - j. Review of literature – should be in the following sequence
 - Title of the article/book - year of publication

- Name of the author – introduction (a small summary of the article/book)
- Objectives of the article/book
- Main argument of the author
- Results and finding
- Conclusion of article
- Methodology – how will you conduct your research (definition of method chosen, why the method is appropriate for the topic chosen, advantages and disadvantages of method)
- Methods are interview, case study, observation
- Questionnaire – should have 15 questions. It can include open ended and close ended questions
- Presentation of secondary evidences such as newspaper and magazine articles
- Observation and data analysis – interpret any 8 questions either through a pie chart or bar diagram
- Conclusion – it should include the inferences you draw from your research
- Bibliography – mention all the sources you have collected the data of your research from
- Attempt a **Sociological analysis of your favourite Movie or tv- series**. Movies tells us a lot about society, culture and current scenario of the country. A movie may discuss social roles in a particular time and culture, history, views of morality, cultural fears, caste, class, gender discrimination and many other sociological facets. Through reviewing the movie from a sociological perspective, a student can gain insight into not just a particular director or writer's vision, but how contemporary society views itself and its world.
- ASK QUESTIONS LIKE:
 - 1. What is the major theme of the movie?
 - 2. In what ways the movie reflects the events and social reality of its time and in what ways it distorts them.
 - 3. Ask if the movie reflects on universal human concerns and problems and, if so, how?
- Include events from the plot, descriptions of important scenes, and direct quotes from character dialogue to make your point.

PPT project –

Students of class XII are requested to make a group of 5 members to make this power-point presentation on any of the topics.

- a. Race, nationality and ethnicity
- b. Impact of social media trends on behavioral patterns of youths.
- c. Child abuse and neglect.
- d. Ill effects of human trafficking.

PHYSICAL EDUCATION

Homework 1:

Q. Write about these Asanas.

1. Vajrasana
2. Trikonasana
3. Bhujangasana
4. Paschimattanasana
5. Gomukhasana
6. Tadasana

You have to write Procedure, Benefits, Precautions, and Contradictions

Homework 2:

Q. Write about any one of the following games:

1. Basketball
2. Football
3. Kabaddi
4. Kho-Kho
5. Volleyball
6. Handball
7. Hockey
8. Cricket

You have to write: History, Basic Skills, Rule Regulation, Ground measurements, and Arjun Awardees

Homework 3:

Topic: Warming Up and Yoga activities

You have to make a video/ppt for the given topic