

DAV PUBLIC SCHOOL, CHAMBA(H.P.)

LEARNING OUTCOMES

Class 10th

Social Science

Manufacturing Industries:

Learning outcome:-The students will be able to

- Know about the contribution of manufacturing sector to the Indian economy.
- Classify industries on the various basis categories/group
- Know about the distribution of some of the major industries.
- Know about the factors affecting industrial location
- Understand the impact of industries on man
- Bring awareness about the damage caused due to the extensive industrial growth
- Understand the steps taken to check environmental degradation

Life line of National Economy

Learning outcome:-The students will be able to

- Understand the need for a set network of transport and communication.
- Make a comparison of the different modes of transport and communication.
- Get familiarize about organization who construct and maintain them.
- Understand their role in intergrating the national and global economy
- Understand their role in enchacing trade and commerce and also tourism.

Outcome of democracy

Learning outcome:-The students will be able to

- Understand the importance of democratic government
- Realize the importance of citizen participation in decision making
- Understand that in a democracy the government is accountable to the citizens.
- Compare democratic government with that of dictatorship in all respects including economic growth and development.
- Comprehend the importance of accommodation of social diversity in a democracy.
- Inculcate the value of dignity and freedom of individuals in a democracy

Globalization

Learning outcome:-The students will be able to

- Familiarize with the basic concepts like globalization , liberalization , privatization, MNC and Trade barriers.
- Appreciate the merits and reasons for setting of MNC's in India
- Understand the difference between foreign trade and foreign investment.
- Analyze the merits and demerit of globalization

- Correlate liberalization with easy availability of foreign goods
- Identify the significance of WTO

Mid term syllabus :-

- 1 Rise of Nationalism in India.
- 2 Agriculture
- 3 Political parties
- 4 Sector of Indian economy
- 5 Money and credit

Rise of Nationalism in India.

Learning outcome:-The students will be able to

- Sensitize learners about rise of Nationalism or National consciousness.
- Analyze the nature of diverse social movement of the time.
- Get familiarized with the concept of our national Identity in Bharat mata .
- Enhance the feeling of nationalism and patriotism .
- Develop rational thinking truth and equality among learners .
- To know the collective Belonging towards the country.

Agriculture

Learning outcome:-The students will be able to

- Understand the characteristics of Indian farming in specific regions , their outcomes , positive and negative impacts:
- Analyse the reasons for poor output.
- To familiarize the different types of agriculture
- To know about the different types of cropping pattern.
- To get sensitized with various technological and institutional measures.

Political parties

Learning outcome:-The students will be able to
Understand the importance of political parties in a democracy.

- Comprehend the various types of party system
- Evaluate the merits and demerits of each type of party system.
- Understand the national and regional political parties in India.
- Get familiarized the students with challenges to the political parties.

Sector of Indian economy

Learning outcome:-The students will be able to

- Understand the significance of the services sector in the Indian economy in the context of its contribution to GDP and employment.
- Appreciate how the Indian service sector is service provider to the world .
- Identify the challenges faced in trying to raise employment level in India.
- Discuss political solution for improving overall employment levels in india .

- Distinguish between the organized and unorganized sectors
- Differentiate between the public and private sector and give specific examples of services sector in the public and private sectors.

Money and credit

Learning outcome:-The students will be able to

- Explain the role of money as a medium of exchange.
- Appreciate the historical origins of money.
- Identify the modern forms of money
- Critically evaluate the different sources of credit – formal and informal sector
- Understand the role and importance of self help group in improving the economic life of rural people

MATHS

1)Co-ordinate geometry after the end of topic the students will be able to understand about -

- How to find the distance between two points
- To check whether the triangle is isosceles ,equilateral ,right angle triangle
- To check the type of quadrilateral by using distance formula
- section formula, midpoint formula
- to find the ratio in which the point divides the line by using section formula

2) Constructions - after the end of topic the students will be able to understand about -

- To divide the line into the given ratio
- To construct the tangent of the circle from an external point

3) Areas related to circles- after the end of topic the students will be able to understand about -

- To find the area and circumference of the circle
- To find the sector ,sector angle and areas of the sector
- To find the area of the given shaded regions

4) Surface areas and volumes- after the end of topic the students will be able to understand about -

- Surface area of combination of solids e.g. cylinders,cones,spheres and hemispheres
- How to find the volume of the combination of solids

5) Probability- after the end of topic the students will be able to understand about -

- Event and total outcomes of an experiment
- Difference between sure event and impossible event
- To find the probability of a given event
- Relation between an event and complementary event

ENGLISH

(The Hundred Dresses -1)

- Students will be able to make connection and draw inferences
- They will learn about language chunks
- Development of critical thinking
- They will learn to respect the feelings of others

(Hundred dresses _2)

- 1) Students will be able to read with proper intonation
- 2) They will be able to write correctly
- 3) Development of empathy
- 4) Development of scientific outlook

(Glimpses of India)

- 1) Students will learn about the rich cultural heritage of India
- 2) Enhancement in vocabulary through Thesaurus
- 3) Improvement in speaking skill
- 4) Improvement in sentence structure

(Madam Rides The Bus)

- 1) Enhancement in decision making power
- 2) Development of abstract to concrete approach
- 3) Students will learn to illustrate and justify the facts

4 Enhancement in vocabulary

(The Sermon At Benares)

- 1) Students will come across the reality of life
- 2) Students will learn to extract relevant information
- 3) Students will learn to write with proper format and fluency
- 4) Enhancement in imagination and creativity

(The Proposal)

- 1) Students will learn to preach peace and harmony
- 2) Enhancement in critical thinking
- 3) Students will learn to use thesaurus words in day to day life situations
- 4) Reading writing listening and speaking skill will be improved

(Footprints without Feet)

(Footprints without Feet)

- 1) Students will learn adopt ethics
- 2) They will learn not to misuse the opportunities
- 3) They will learn to analyse theme and subtheme
- 4) They will learn to write using integrated structure

(The Making Of A Scientist)

- 1) Competitive spirit will be developed
- 2) Development of scientific outlook
- 3) They will be able to recall and apply literary conventions
- 4) Students will be able to express their thoughts and ideas creatively

(The Necklace)

- 1) Students will learn to be contented
- 2) Students will learn the negative effects of pride and vanity
- 3) Enhancement in critical thinking
- 4) Improvement in reading, writing and speaking skill

(The Hack Driver)

- 1) Students will learn to work honestly
- 2) They will learn to follow laws and rules
- 3) They will learn not to deceive others
- 4) Enhancement in sentence structure

(Bholi)

- 1) Students will learn about women empowerment
- 2) They will learn how education changes life
- 3) They will know about role and importance of a teacher
- 4) Enhancement in reading writing listening and speaking skills

SCIENCE

CHEMISTRY

1. Carbon and its compound

Learning outcomes

- A. Students would be able to learn covalent nature of carbon
- B. Students would be able to understand unique nature of carbon
- C. They would be able to define homologous series with example

2. Periodic classification of elements

Learning outcomes

- A. Students would be able to learn and explain classification of elements given by different scientists like Dobereiner classification triads, Newlands octave.
- B. They would be able to explain limitations of these classification
- C. They would be able to learn Mendeleev periodic table with his achievements and limitations
- D. students would be able to learn trends in periodic table like how does size vary in periodic table, how does electro negativity vary, how does metallic and non metallic behaviour vary in periodic table

PHYSICS

Chapter -magnetic effects of electric current.

Topic- Magnetic field.

- students able to understand the concept of magnetic field, magnetic field lines and properties of magnetic field lines.

Topic - Orsted Experiment

- students able to understand the relationship between electric current and magnetic field and to find out the direction of deflection of magnetic compass by using ampere swimming rule
- Magnetic field around a current carrying straight conductor circular loop and a solenoid.

- Students enable to understand force acting on a current carrying conductor and direction of force by using Fleming left hand rule. Also able to understand the working of electric motor and its diagram.

Topic - Electro magnetic induction

- Students enable to understand faraday's experiment for electromagnetic induction and induced current produced by the relative motion of magnet and coil .Direction of induced current by using Fleming right hand rule.

BIOLOGY

Chapter – Our Environment

- Student enable to learn about ecosystem and its components.
- Students enable to understand about food chain,food web, various trophic levels and ecological pyramids
- Student enable to understand about global warming and its causes which effect the ozone layer.
- Student will be able to know about biodegradable and nonbiodegradable substances and effects of nonbiodegradable substances leads to pollution

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