

Academic Planner



Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : March, 2019 Class: XII (12 Days)

Topic	Chapter 1: Variations in psychological attributes
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in the field of Psychology..
Instructional Tools & References	NCERT text books, PowerPoint presentation based onrelated topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Introduction of General Mental Ability Test by S. S Jalota

School, Mandi Gobindgarh

Academic Planner

Month : April, 2019 Class: XII (23 Days)

Topic	Chapter 1: Variations in psychological attributes Chapter 2: Self and personality
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in the field of Psychology..
Instructional Tools & References	NCERT text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical on Intelligence by S. Jalota

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : May 2019

Class: XII (24 Days)

Topic	Chapter 2: Self and personality
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills,
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology.
Instructional Tools & References	NCERT text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical of personality 16 PF BY Raymond cattel

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : June 2019

Class: XII (18 Days)

Topic	Chapter 3: Meeting Life Challenges
Concept & Skills	Cognitive skills, General Awareness, Communication skills, coping with stress, promoting positive health and well being and Inquiring skills.
Learning Outcomes	Self awareness, subject knowledge enhancement in the field of Psychology.
Instructional Tools & References	NCERT text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Case study

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : July 2019

Class: XII (19 Days)

Topic	Chapter 4: Psychological Disorder
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in the field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	NCERT text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Story based presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Case study on psychological disorder

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : August ,2019 Class: XII (24Days)

Topic	Chapter 5: Therapeutic Approaches
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, memory enhancement, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, Subject enhancement knowledge in the field of Psychology..
Instructional Tools & References	NCERT text books, PowerPoint presentation based onrelated topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Story based Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical on Bell's adjustment Inventory

School, Mandi Gobindgarh

Academic Planner

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Month : September, 2019

Class: XII (22 Days)

Topic	Chapter 6: Attitude and social cognitions
Concept & Skills	Cognitive skills, positive attitude, General Awareness, Communication skills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	NCERT text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical on Self concept questionnaire

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : October, 2019

Class: XII (15 Days)

Topic	Chapter 7: Social influences and group processes
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical on EIR

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : November, 2019

Class: XII (25 Days)

Topic	Chapter 8: Psychology and life
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practicals

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : December 2019

Class: XII (19 Days)

Topic	Chapter 9 : Developing Life skills
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practice for Practical

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology
Month : January, 2020 Class: XII (24 Days)

Topic	Chapter 1&9: Revisions
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Revision of Practicals

School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Psychology

Month : February, 2020 Class: XII (23 Days)

Topic	Chapter 1 &9: Final practical and evaluation
Concept & Skills	Cognitive skills, General Awareness, Communicationskills, Inquiring skills, skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Psychology. Capability of differentiation for Computer Generations.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics,.
Pedagogy	Practical Demonstration, Oral presentations, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of specific topics, Lab sessions for preparation of Presentation with provision of psychometric testing
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Practical AISSCE



Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : March, 2019

Class: XII (12 Days)

Topic	Chapter 1: Accounting for Partnership- Fundamentals
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of making profit and loss appropriation account; partners capital account; past adjustments and guarantee given by firm to partner and partner to firm.
Instructional Tools & References	Text books, Case Studies, Assignments and Reference Books.
Pedagogy	Lecture, Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : April, 2019

Class: XII (23 Days)

Topic	Chapter 1: Partnership Fundamentals Ch:2 Goodwill: Nature and valuation Ch:3 Reconstitution of Partnership-Change in Profit Sharing Ratios; Ch:4 Admission of Partner.
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of making profit and loss appropriation account;valuation of goodwill;calculation of sacrificing ratios:treatment of goodwill ;reserves and revaluation of assets and liabilities.
Instructional Tools & References	Text books, Case Studies, Assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : May, 2019

Class: XII (24Days)

Topic	Chapter 4: Admission of partner: Preparation of Revaluation Account, Partners' Capital A/c and Revised Balance Sheet through Capital Adjustments. and FIRST EVALUATION
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of Treatment of revaluation of assets and liabilities with capital adjustments.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : June 2019

Class: XII (18 Days)

Topic	Chapter 5: Retirement and Death of Partner Chapter 6: Dissolution of Partnership Firms
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of accounting treatment of goodwill, rev. of assets and liabilities and adj. of accumulated profits and reserves on retirement and death of partner; preparation of realisation account and other related accounts .
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : July, 2019

Class: XII (19 Days)

Topic	Chapter 8: Companies Accounts- Accounting for Share Capital
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding of accounting treatment of share capital transactions regarding issue of shares, forfeiture and reissue of forfeited shares. To develop the understanding of presenting Share capital in the Balance Sheet of Company.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : August 2019

Class: XII (24 Days)

Topic	Chapter 9, 10 and 7. Issue and Redemption of debentures, Accounting for Not-for-Profit Organizations
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of accounting treatment of transactions related to issue of debentures, redemption of deb. By lump sum and draw of lots method.. To prepare financial Statements of Not-for-Profit Organisations.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : September 2019

Class: XII (22 Days)

Topic	Second Evaluation
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	To Evaluate the understanding and skill of accounting treatment of chapters done in July and August through written exam.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : October, 2019

Class: XII (15 Days)

Topic	Part B-Chapter 1 to 5: Analysis of Financial Statements, Common Size and Comparative Financial Statements, Ratio Analysis and cash Flow Statement.
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Develop the understanding and skill of preparing comparative and common size statements, computation of various ratios and preparation of Cash Flow Statements.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, Assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month : November, 2019

Class: XII (25 Days)

Topic	Chapter 5: Cash Flow Statement and Project work.
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	To give them exposure to analyze the financial statements of business firms and help them derive meaningful information and conclusions there from.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Lecture,Explanation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response,Oral Review,Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month December, 2019

Class: XII (19 Days)

Topic	Third Evaluation
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	To give them exposure for pre boards. To diagnose the areas where students can bring improvement. Evaluation of Self-Awareness in the field of Accountancy.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month January, 2020

Class: XII (24Days)

Topic	PRE - BOARDS
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	To give them exposure for AISSCE. To diagnose the areas where students can bring improvement.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month February, 2020

Class: XII (23Days)

Topic	AISSCE PRACTICAL EXAMS
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	To give them exposure for accounting practices through Viva and Written Examination conducted by External Examiner.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month March, 2020

Class: XII (25 Days)

Topic	AISSCE 2018-19
Concept & Skills	Analytical /Critical Thinking, Professional Skill, Commercial Awareness, Inquiring skills and Teamwork Skill.
Learning Outcomes	Evaluation of Skills learnt throughout the year.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : March, 2019

Class: XII (12 Days)

Topic	Chapter 1: Nature & Significance of Management
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month :April, 2019 Class: XII (23 Days)

Topic	Chapter 2: Principles of Management Chapter 4: Planning
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Principles of management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month :May, 2019

Class: XII (24 Days)

Topic	Chapter 12: Consumer Protection
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of CPA,1986
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month :June, 2019 Class: XII (18 Days)

Topic	Chapter 11: Marketing Management Chapter:3 Business Environment
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Marketing & Business environment
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work related to Marketing & Business Environment
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month :July, 2019 Class: XII (19 Days)

Topic	Chapter 5: Organizing Chapter:6 Staffing
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Organizing & Staffing function.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month :August, 2019

Class: XII (24 Days)

Topic	Chapter 7: Directing Chapter:8 Controlling
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Directing & Controlling function.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : September, 2019

Class: XII (22 Days)

Topic	Revision & September Evaluation
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Financial Management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : October, 2019

Class: XII (15 Days)

Topic	Chapter:9 Financial Management Chapter:10 Financial Markets
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Financial Management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : November, 2019

Class: XII (25 Days)

Topic	Revision
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Financial Management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : December, 2019

Class: XII (19 Days)

Topic	Revision & Third Evaluation
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Financial Management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Business studies

Month : January, 2020

Class: XII (24 Days)

Topic	Revision & Pre board Examination
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Management. Capability of understanding of Financial Management concept.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : March, 2019

Class: XII (11 Days)

Topic	Part-B: INDIAN ECONOMIC DEVELOPMENT UNIT-6:DEVELOPMENT EXPERIENCE (1947-1990)
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of Indian economy. Capability of understanding of economics aspects.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions & practical example from daily life.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, feedback questioning, creative thinking and techniques used for assessment like written test, diagram preparation.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month :April, 2019

Class: XII (23 Days)

Topic	PART A: INTRODUCTORY MACRO ECONOMICS UNIT-1 &2:NATIONAL INCOME & RELATED AGGREGATES, MONEY AND BANKING
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of macro economics. Capability of understanding basic concepts of macro economics & money and banking
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month :May, 2019

Class: XII (24 Days)

Topic	UNIT-2:MONEY AND BANKING----CONTINUED
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of money and banking. Capability of understanding various concepts of monetary policy
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application based and value based questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : June, 2019

Class: XII (18 Days)

Topic	UNIT-3: DETERMINATION OF INCOME AND EMPLOYMENT, UNIT-6: ECONOMIC REFORMS SINCE 1991, PROJECT WORK
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of AD & AS. Capability of understanding of new economic policy since 1991.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work from within & outside the curriculum.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month :July, 2019

Class: XII (19 Days)

Topic	UNIT-4: GOVERNMENT BUDGET AND ECONOMY UNIT-7: CURRENT CHALLENGES OF INDIAN ECONOMY.
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of government budget. Capability of understanding of behavior of current challenges being faced by Indian economy.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month :August, 2019

Class: XII (24 Days)

Topic	UNIT-5: BALANCE OF PAYMENTS UNIT-7: CURRENT CHALLENGES CONTD.
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of balance of payment and foreign exchange rate. Capability of understanding various challenges of Indian economy.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : September, 2019

Class: XII (22 Days)

Topic	UNIT-8: DEVELOPMENT EXPERIENCE OF INDIA- A COMPARISON WITH NEIGHBOURS.
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of economic development. Capability of comparing the development of Indian economy with Pakistan and China.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : October, 2019

Class: XII (15 Days)

Topic	EVALUATION OF PROJECT WORK & REVISION
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of project work. Capability of understanding various aspects of Indian economic development and macro economics.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : November, 2019

Class: XII (25 Days)

Topic	REVISION
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge and capability of understanding various aspects of Indian economic development and macro economics.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : December, 2019

Class: XII (19 Days)

Topic	REVISION
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge and capability of understanding various aspects of Indian economic development and macro economics.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : January, 2020

Class: XII (24 Days)

Topic	REMEDIAL TEACHING & REVISION
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge and capability of understanding various aspects of Indian economic development and macro economics.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : February, 2020

Class: XII (23 Days)

Topic	AISSCE-PRACTICALS
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of research work. Capability of understanding of various aspects of evaluation of project work.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Brain storming, Group discussion, Interactive sessions.
Activity / Assignment / Research	Project work related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Economics

Month : March, 2020

Class: XII (25 Days)

Topic	AISSCE-2020
Concept & Skills	Cognitive skills, General Awareness, Communication skills, Inquiring skills, Technology skills and perception.
Learning Outcomes	Self awareness, enhancement in knowledge in field of assessment. Capability of understanding of various aspects of examination.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics & practical example from daily life.
Pedagogy	Written Examination.
Activity / Assignment / Research	Project work related to application & value based Questions.
Assessment	Class response, creative thinking and techniques used for assignments.
Lab Activity	Content exercise.

**ACADEMIC PLANNER
2019-20**

CLASS : XII

**Gobindgarh Public School
Mandi Gobindgarh**

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : March, 2019

Class: XII (17 Days)

Topic	Paintings of Bengal School and Contemporary Indian art
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	ICR References book, Green Board, Chalk, Duster
Pedagogy	Practice of Teaching by Creative Method
Activity / Assignment / Research	Assignment of Chapter Related to Bengal School and Contemporary Indian Art
Assessment	Step by Step Checking based on over all performance
Lab Activity	How to use Oil Pastels

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : April, 2019

Class: XII (23 Days)

Topic	Graphic Print, Still life Composition, Sculpture, Relief Work
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	Cones, Sketch Pens, chalk Powder, Fevicol, ICR, duster, Green Board,
Pedagogy	Practice of Teaching by Creative Method
Activity / Assignment / Research	Assignment of Chapter Related to Graphic Print and Sculpture
Assessment	Step by Step Checking based on over all performance
Lab Activity	Relief work and still life composition

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : May, 2019

Class: XII (24Days)

Topic	Relief Work And Objective Type Questions On History Of Indian Art
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	Cones, Sketch Pens, chalk Powder, Fevicol, ICR, duster, Green Board,
Pedagogy	Practice of Teaching by Creative Method
Activity / Assignment / Research	Assignment of Chapter Related to History of Indian Art
Assessment	Step by Step Checking based on over all performance
Lab Activity	Relief work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : June, 2019

Class: XII (15 Days)

Topic OIL PAINTING	Revision of CBSE Papers
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	Oil colors, canvas, brushes, ICR, duster, Green Board,
Pedagogy	Practice of Teaching by Creative Method
Activity / Assignment / Research	Assignment of Chapter Related to History of Indian Art
Assessment	Step by Step Checking based on over all performance
Lab Activity	Marbling

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : July 2019 Class: XII (19 Days)

Topic	Paintings of Rajasthani School of Miniature Painting
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	Oil Colors, Knife, Brushes, Oil, Canvas, ICR.
Pedagogy	Practice of teaching will by Creative way and motivational way
Activity / Assignment / Research	Assignment of chapter of related to oil painting
Assessment	Step by Step Checking based on over all performance
Lab Activity	Oil Paintings

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : August 2019 Class: XII (24Days)

Topic	Pahari School of Miniature Paintings, Oil Painting
Concept & Skills	To increase basic Knowledge of students
Learning Outcomes	Enhance their Capabilities
Instructional Tools & References	Oil Colors, Brushes, Knife, Scale, ICR
Pedagogy	Practice of teaching will by Creative way and motivational way
Activity / Assignment / Research	Assignment of Chapter related to Pahari School of Miniature Painting
Assessment	Step by Step Checking based on over all performance
Lab Activity	Activity On canvas with oil colors

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month: September 2019 Class: XII (22 Days)

Topic	Mughal school of miniature painting
Concept & Skills	To increase the basic knowledge of students
Learning Outcomes	Enhance their capabilities
Instructional Tools & References	I C R and Reference book ,Poster colour
Pedagogy	Practice of teaching will by creative way
Activity / Assignment / Research	Assignment of chapter related to Mughal school of miniature painting
Assessment	Based on over all performance
Lab Activity	Activity with Poster colours

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : October 2019

Class: XII (15 Days)

Topic	Deccan school of miniature painting
Concept & Skills	To increase the basic knowledge of students
Learning Outcomes	Enhance their capabilities
Instructional Tools & References	Pencil colours , I C R, and Reference book
Pedagogy	Practice of teaching will by creative way
Activity / Assignment / Research	Assignment of chapter related to Deccan school of miniature painting
Assessment	Based on over all performance
Lab Activity	Lab Activity with Pencil colours

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : November 2019

Class: XII (25Days)

Topic	National Flag Contribution of Indian Artist Still life
Concept & Skills	To increase the basic knowledge of students
Learning Outcomes	Enhance their capabilities
Instructional Tools & References	Oil pastels, Pencil Colors, Sketch Pen, Water Colors, ICR
Pedagogy	Practice of teaching will by creative way
Activity / Assignment / Research	Assignment Related To mix Media
Assessment	Based on over all performance
Lab Activity	Lab Activity With Mix Media

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Fine Arts

Month : December 2019

Class: XII (21 Days)

Topic	Revision of History of Indian Art
Concept & Skills	To increase the basic knowledge of students
Learning Outcomes	Enhance their capabilities
Instructional Tools & References	ICR, Green Board, Chalk, Duster
Pedagogy	Practice of teaching will by creative way
Activity / Assignment / Research	Assignment Related to file cover for practical Exam
Assessment	Based on over all performance
Lab Activity	File Cover with 3d look

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of fine arts
Month January, 2020 Class: XII

Topic	PRE - BOARDS
Concept & Skills	To increase the knowledge of the students.
Learning Outcomes	To give them exposure for AISSCE. To diagnose the areas where students can bring improvement.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Accountancy

Month February, 2020

Class: XII

Topic	AISSCE PRACTICAL EXAMS
Concept & Skills	To increase the knowledge of the students
Learning Outcomes	To give them exposure for fine arts through Viva and Written Examination conducted by External Examiner.
Instructional Tools & References	Text books, assignments and Reference Books.
Pedagogy	Exams
Activity / Assignment / Research	Text Book questions, assignments during Revisions
Assessment	Class response, Oral Review, Feedback through Questioning and Previous knowledge testing.
Lab Activity	Illustrations

Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th Month: March 2019 (11 Days)

Topic	Matrices and Introduction of determinants.
Concepts and Skills	Problem solving, Calculation competency, mathematical literacy in linear algebra, cognitive skills.
Learning Outcomes	The student will learn the concept of elementary row and column operations and invertible matrices.
Instructional Tools & References	Smart board, Customized text books, power point presentations.
Pedagogy	Explanation and reflective discussion, random questioning, Brainstorming.
Activity/ Assignment/ Research	Assignments from references.
Assessment	Through assignments, questioning, class response and written tests.
Lab Activity	Live examples of arrangements in class room / lab, Power point presentation.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: April 2019 (23 Days)

Topic	Determinants(Contd.), Inverse T- functions Linear Programming Problems[LPP], Continuity and differentiability
Concepts and Skills	Cognitive Skills, Critical thinking, Concept understanding.
Learning Outcomes	The students will learn: <ul style="list-style-type: none">- Applications of determinants.- Decision making in LPP- How T-functions are made invertible.
Instructional Tools & References	Black board, Graphical representations on smart board, customized text books.
Pedagogy	Explanation and Reflective discussion, Problem solving, Analogy
Activity/ Assignment/ Research	Students will draw graphs of inverse T functions and LPP, Assignments from references.
Assessment	Through Questioning, Class Response and Written Tests.
Lab Activity	Use of graphs in inverse T functions and LPP.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: May 2019(24 Days)

Topic	Derivatives [Contd.] and revision of topics done up to first week of may
Concepts and Skills	Problem Solving, Critical thinking and calculation competency.
Learning Outcomes	Students will learn rate of change of one quantity with another.
Instructional Tools & References	Smart board, Customized text books, power point presentations.
Pedagogy	Explanation and reflective discussion, random questioning, brainstorming
Activity/ Assignment/ Research	Assignments given by collecting questions through other references.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Power point presentation.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: June 2019(18 Days)

Topic	Applications of derivatives
Concepts and Skills	Cognitive Skills, Critical thinking, Problem Solving.
Learning Outcomes	The student will learn the use of derivatives in real life problems and its application in Sciences.
Instructional Tools & References	Smart board, Customized text books, power point presentations.
Pedagogy	Explanation and reflective discussion, random questioning, brainstorming
Activity/ Assignment/ Research	Assignments through other references and textual questions.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Examples of 3D figures, Use of graphs.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: July 2019 (19 Days)

Topic	Integration
Concepts and Skills	Cognitive Skills, Critical thinking, Concept understanding.
Learning Outcomes	The student will learn: <ul style="list-style-type: none">• Integral of Standard functions.• Application of Fundamental theorem of Integral Calculus.• Various methods to find integrals of different functions.
Instructional Tools & References	Smart board, Customized text books, power point presentations.
Pedagogy	Explanation and reflective discussion, random questioning, brainstorming
Activity/ Assignment/ Research	Assignments given by collecting questions through other references.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Power Point Presentations.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics Grade: 12th Month: August 2019(24 Days)

Topic	Application of Integration, Differential Equations
Concepts and Skills	Cognitive Skills, Critical thinking, technique of representing different functions graphically
Learning Outcomes	The student will learn <ul style="list-style-type: none">- Technique of finding area of bounded regions using graphs- Method to solve and to find solutions of differential equations.
Instructional Tools & References	Smart board, Customized text books, individual practice questions
Pedagogy	Explanation, reflective discussion , analogy, random questioning
Activity/ Assignment/ Research	Assignments given by collecting questions through other references.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Power point presentation.

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: September 2019 (22 Days)

Topic	Probability
Concepts and Skills	Cognitive Skills, Critical thinking, problem solving, logical thinking.
Learning Outcomes	The students will learn: <ul style="list-style-type: none">• How to measure probability mathematically.• How to make more accurate predictions.
Instructional Tools & References	Smart board, Customized text books, power point presentations.
Pedagogy	Explanation and reflective discussion, random questioning, analogy
Activity/ Research	Assignment/ Assignments given by collecting questions through other references.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Real life examples of probability.

Academic Planner

Detailed Planner of Mathematics Grade: 12th Month: October 2019 (15 Days)

Topic	Probability, Relation and Functions, Vectors, 3-dimensional geometry
Concepts and Skills	Cognitive Skills, Logical thinking, Problem Solving
Learning Outcomes	The students will understand : <ul style="list-style-type: none">• The concept of Equivalence Relation, Invertible functions and Binary operations.• The concepts of vector algebra.• How to represent vectors mathematically.• Elementary idea regarding 3 D geometry in Cartesian and Vector form, using the technique of Vector algebra.
Instructional Tools & References	Black board, Smart board, Customized text books.
Pedagogy	Explanation and reflective discussion, random questioning, Real life examples of probability & Vectors.
Activity/ Assignment/ Research	Class room activities of probability, Textual Questions, Assignments.
Assessment	Through assignment, questioning, class response and written tests.
Lab Activity	Power point presentations, Demonstrations using cards, coins, dice and pebbles etc. for probability.

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: November 2019 (25 days)

Topic	Revision
Concepts and Skills	Cognitive Skills, Logical thinking, Problem Solving
Learning Outcomes	The students will understand the elementary idea regarding 3 D geometry in Cartesian and Vector form, using the technique of Vector algebra.
Instructional Tools & References	Black board, Smart board, Customized text books.
Pedagogy	Explanation and reflective discussion, random questioning.
Activity/ Assignment/ Research	Textual Questions, Assignments through references.
Assessment	Assignments, questioning, class response and written tests.
Lab Activity	Power point presentations.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th

Month: December 2019 (21 Days)

Topic	Revision and Third Evaluation.
Concepts and Skills	Cognitive Skills, Logical thinking, Critical thinking, Problem Solving.
Learning Outcomes	Mathematical Competency, Calculation Competency, Analysis of a problem, Basic Knowledge.
Instructional Tools & References	Black board, Smart board, Customized text books. Revision from Previous Year Question Papers and Sample Papers.
Pedagogy	Explanation and reflective discussion, random questioning.
Activity/ Assignment/ Research	Textual Questions, Assignments through references.
Assessment	Assignments, questioning, class response and written tests.
Lab Activity	Power point presentations.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics Grade: 12th Month: January 2020 (24 Days)

Topic	Revision.
Concepts and Skills	Cognitive Skills, Logical thinking, Critical thinking, Problem Solving.
Learning Outcomes	Mathematical Competency, Calculation Competency, Analysis of a problem, Basic Knowledge.
Instructional Tools & References	Black board, Smart board, Customized text books.
Pedagogy	Explanation and reflective discussion, random questioning.
Activity/ Assignment/ Research	Textual Questions, Assignments through references.
Assessment	Assignments, questioning, class response and written tests.
Lab Activity	Power point presentations.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Mathematics

Grade: 12th Month: February 2020 (23 Days)

Topic	Revision.
Concepts and Skills	Cognitive Skills, Logical thinking, Critical thinking, Problem Solving.
Learning Outcomes	Mathematical Competency, Calculation Competency, Analysis of a problem, Basic Knowledge.
Instructional Tools & References	Black board, Smart board, Customized text books.
Pedagogy	Explanation and reflective discussion, random questioning.
Activity/ Assignment/ Research	Textual Questions, Assignments through references.
Assessment	Assignments, questioning, class response and written tests.
Lab Activity	Power point presentations.

Academic

Planner

Dunjabi

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : April, 2019

Class: XII

Topic Weightage 25%	ਕਹਾਣੀ 1,2,3 ਕਵੀ 1,2
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : May, 2019 Class: XII

Topic Weightage 10%	ਗੁਰਮਤਿ ਕਾਵਿ ਅਤੇ ਵਿਆਕਰਣ (ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ, ਸੁੱਧ ਕਰੋ, ਮੁਹਾਵਰੇ ਅਤੇ ਪੱਤਰ ਲਿਖਣ ਦਾ ਅਭਿਆਸ)
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : July, 2019 Class: XII

Topic Weightage 20%	ਨਾਵਲ ਅਤੇ ਕਹਾਣੀ 4
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : August, 2019

Class: XII

Topic Weightage 25%	ਨਾਵਲ ਅਤੇ ਕਹਾਣੀ 4,5
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : September, 2019

Class: XII

Topic Weightage 80%	ਕਵੀ (4-5) ਅਤੇ ਇਸ਼ਤਿਹਾਰ
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : October, 2019

Class: XII

Topic Weightage 10%	ਕਵੀ 6,7 ਕਹਾਣੀ 8,9
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : November, 2019

Class: XII

Topic Weightage 10%	ਕਵੀ 9,10 ਵਿਆਕਰਣ
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : December, 2019

Class: XII

Topic Weightage 100%	ਦੁਹਰਾਈ ਅਤੇ ਪ੍ਰੀਖਿਆ
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Punjabi

Month : January 2020

Class: XII

Topic Weightage 100%	ਕਹਾਣੀ, ਕਵਿਤਾ, ਨਾਵਲ ਅਤੇ ਵਿਆਕਰਨ ਦੀ ਦੁਹਰਾਈ
Concept & Skills	ਪੜਨਾਂ/ਸੁਣਨਾਂ/ਲਿਖਣਾ/ਸੋਚਣਾ
Learning Outcomes	ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ, ਬੁੱਧੀ ਦਾ ਵਿਕਾਸ, ਕਲਾਤਮਕ ਰੁਚੀਆਂ ।
Instructional Tools & References	ਪਾਠ-ਪੁਸਤਕ/ ਸਮਾਰਟ ਬੋਰਡ/ ਕਾਪੀ/ ਆਮ ਗਿਆਨ ।
Pedagogy	ਪ੍ਰਸ਼ਨੋਤਰੀ/ ਵਿਆਖਿਆ/ ਭਾਸ਼ਣ ।
Activity / Assignment / Research	ਜਮਾਤ ਚ ਕੀਤਾ ਕੰਮ ਘਰੋਂ ਕਰਨ/ ਯਾਦ ਕਰਨ ਲਈ ਦੇਣਾ ।
Assessment	ਮੌਖਿਕ/ ਲਿਖਤੀ ਪਰਿਖਿਆ ।
Lab Activity	

Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : March, 2019

Class: XII (11 Days)

Topic	Ch-1 The Harappa Civilization
Concept & Skills	Timelines and Familiarize the learner with early urban centers and social institutions
Learning Outcomes	Awareness about different lifestyles of people and able to compare and contrast about today's life with Harappans life
Instructional Tools & References	Textbooks, Lecture, White board and audio - visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	, Board papers assignment
Assessment	Class room tests and oral tests
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : April, 2019

Class: XII (23 days)

Topic	Ch-2 Kings, Farmers and Towns Ch-3 Kinship, Caste and Class
Concept & Skills	Timelines , Familiarize the learner with major trends in the political and the economic history of the subcontinent and with the issues in social history
Learning Outcomes	Understanding of political and economic process and introduce strategies of textual analysis and there use in reconstructing social history
Instructional Tools & References	Textbooks, Lecture, White board and audio - visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment
Assessment	Class room tests and oral tests
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : May, 2019

Class: XII (24 Days)

Topic	Ch-4 Thinkers Beliefs and Buildings Ch-5 Through the Travelers' Eyes
Concept & Skills	Timelines , Comparing and Contrasting, Familiarize the learner with the salient features of social histories described by the Travelers and major developments in Early India
Learning Outcomes	Obtain knowledge about religious developments in Early India
Instructional Tools & References	Textbooks, Lecture, White board
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and 1 st Evaluation
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : JUNE, 2019

Class: XII (18 Days)

Topic	Ch-6 Bhakti- Sufi Traditions Ch-7 An Imperial Capital Vijaya Nagara
Concept & Skills	Timelines , Comparing and Contrasting, Familiarize the learner with the religious developments and new buildings
Learning Outcomes	To analysis devotional literature as sources of history and the ways in which architecture can be analyzed to reconstruct history
Instructional Tools & References	Textbooks, Lecture, White board
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and oral tests
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : July, 2019

Class: XII (19 Days)

Topic	Ch-8 Peasants, Zamindars and The State Ch-9 Kings and Chronicles Ch-10 Colonialism and The Countryside
Concept & Skills	Timelines , Comparing and Contrasting, Cause and Effect
Learning Outcomes	Able to know major landmarks in political history, Impact of Colonialism on Zamindars, Peasants etc and developments in agrarian relations
Instructional Tools & References	Textbooks, Lecture, White board
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and oral tests
Lab Activity	Power Point Presentation

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : August, 2019

Class: XII (24 Days)

Topic	Ch-11 Rebels and the Raj Ch-12 Colonial Cities
Concept & Skills	Timelines , Cause and Effect , Familiarize the learner with the history of modern and urban centers and events of 1857
Learning Outcomes	An understanding about urban centers and visual material of 1857
Instructional Tools & References	Textbooks, Lecture, White board , audio- visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and oral tests
Lab Activity	Power Point Presentation and Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : September, 2019

Class: XII (22 Days)

Topic	Ch-7 An Imperial Capital Vijaya Nagara Ch-8 Peasants, Zamindars and The State Ch-9 Kings and Chronicles
Concept & Skills	Timelines , Cause and Effect and Comparing and Contrasting
Learning Outcomes	Self awareness, enhancement in knowledge
Instructional Tools & References	Textbooks, Lecture, White board , audio- visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and 2 nd Evaluation
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : October, 2019

Class: XII (15 Days)

Topic	Ch-13 Mahatma Gandhi and the Nationalist Movement Ch-14 Understanding Partition Ch-15 Framing Constitution
Concept & Skills	Timelines , Cause and Effect , Comparing and Contrasting, Familiarize with significant elements of the Nationalist Movement, the growth of communalism and the story of partition and the history of early years after independence
Learning Outcomes	Self awareness, enhancement in knowledge and able to understand newspapers, diaries as historical source ,limits of oral sources and debates and discussions
Instructional Tools & References	Textbooks, Lecture, White board , audio- visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and oral tests
Lab Activity	Power Point Presentation and Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : November 2019

Class: XII (25 Days)

Topic	Ch-13 Mahatma Gandhi and the Nationalist Movement Ch-14 Understanding Partition Ch-15 Framing Constitution
Concept & Skills	Timelines , Cause and Effect , Comparing and Contrasting
Learning Outcomes	Self awareness, enhancement in knowledge
Instructional Tools & References	Textbooks, Lecture, White board , audio- visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers assignment and Source based questions
Assessment	Class room tests and oral tests
Lab Activity	Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : December 2019

Class: XII (21 Days)

Topic	Maps of all chapters
Concept & Skills	Timelines, Interpreting visual and audio sources, Cause and effect
Learning Outcomes	Self awareness, Able to understand about locations and labeling
Instructional Tools & References	Lecture ,Class discussion, Student presentation
Pedagogy	Promote critical thinking, Group discussion, Habits of minds for effective inquiry
Activity / Assignment / Research	assignment of subjective question/ answers
Assessment	Class room assignments, Classroom tests and Evaluation tests
Lab Activity	Practice of Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : January 2020

Class: XII (24 Days)

Topic	Board papers
Concept & Skills	Timelines , Cause and Effect
Learning Outcomes	Self awareness, enhancement in knowledge
Instructional Tools & References	Textbook, White board , audio- visual sources
Pedagogy	Group discussions, Promote critical thinking, individual attention and enhance students participation
Activity / Assignment / Research	Board papers
Assessment	Board papers
Lab Activity	Practice of Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of History

Month : February 2020

Class: XII (23 Days)

Topic	FINAL PRACTICALS
Concept & Skills	Timelines, Comparing and Contrasting, Cause and effect
Learning Outcomes	Self awareness
Instructional Tools & References	Lecture , Class discussion & Student presentation
Pedagogy	Promote critical thinking, Group discussion & Habits of minds for effective inquiry
Activity / Assignment / Research	Assignment of subjective question/ answers
Assessment	Class room assignments, Classroom tests and Evaluation tests
Lab Activity	Practice of Map Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: March (16days)

Grade XII

Topic	Chapter 1: Reproduction in Organisms Chapter 2: Sexual reproduction in flowering plants (microsporogenesis)
Concept & Skills	Inquiring skills, curiosity about biological processes, critical and analytical thinking.
Learning Outcomes	Self awareness, enhancement in knowledge about reproductive processes in organisms.
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Dissection of flower to study reproductive parts, Assignment related to the topic, study pollination in flowers by insects.
Assessment	Class response, written tests and assignments including diagrammatic skills
Lab Activity	Dissection of flower to study reproductive parts .

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: April (23 days)

Grade XII

Topic	Chapter 2: Sexual Reproduction in Flowering Plants(cont). Chapter 3: Human Reproduction
Concept & Skills	Inquiring skills, curiosity about biological processes, critical and analytical thinking.
Learning Outcomes	Self awareness, enhancement in knowledge about reproductive processes in Angiosperms and human beings.
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Dissection of flower to study reproductive parts, Assignment related to the topic.
Assessment	Class response, written tests and assignments including diagrammatic skills
Lab Activity	Dissection of flower to study structure of anther, study of pollen grain and pollen tube germination .

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: May (24 days)

Grade XII

Topic	Chapter 4: Reproductive Health
Concept & Skills	Inquiring skills, curiosity & Knowledge about reproductive health.
Learning Outcomes	Self awareness, enhancement in knowledge about importance of reproductive health & hygiene .
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Written test & Assignment related to the topic.
Assessment	First Evaluation (May Term)
Lab Activity	Study of mammalian ovary, testis through permanent slides.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: June (18 days)

Grade XII

Topic	Chapter 5: Principles of Inheritance & Variations.
Concept & Skills	Inquiring skills, curiosity about Genetic concepts, critical and analytical thinking about Mendelian Inheritance & Variations.
Learning Outcomes	Self awareness, enhancement in knowledge about Inheritance of characters and variations among organisms.
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Written test & Assignment related to the topic, topic related research based project.
Assessment	Class response , Assignments.
Lab Activity	Pedigree Analysis through charts.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: July (19 days)

Grade XII

Topic	Chapter 6: Molecular basis of Inheritance.
Concept & Skills	Inquiring skills, curiosity about DNA & RNA, critical and analytical thinking about DNA finger Printing.
Learning Outcomes	Conceptual knowledge about Replication, Transcription & Translation .
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Written test & Assignment related to the topic.
Assessment	Class response , Assignments, Written test.
Lab Activity	Extraction of DNA from spinach leaves.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: August (24days)

Grade XII

Topic	Chapter 7: Evolution. Chapter 8: Human Health and Diseases Chapter 9: Strategies in enhancement of food production Chapter 10: Microbes in microbes .
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking about Evolution and health perceptions.
Learning Outcomes	Core knowledge about Evolution, various types of diseases, Immunity & awareness about drug & alcohol abuse .
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Written test & Assignment related to the topic.
Assessment	Class response , Assignments, Written test.
Lab Activity	Study of disease causing microorganisms with the help of specimens & permanent slides

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: September (22days)

Grade XII

Topic	Chapter 11: Principles of Biotechnology Chapter 12: Applications of biotechnology
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking about techniques used in biotechnology
Learning Outcomes	Enhancement of Knowledge about concept of biotechnology
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Written test & Assignment related to the topic.
Assessment	Second Evaluation (September Term).
Lab Activity	Study of microorganisms with the help of specimens & permanent slides.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: October (15days)

Grade XII

Topic	Chapter 13: Organisms & Population, chapter 14:Ecosystem,Chapter 15: Biodiversity & conservation.
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking .
Learning Outcomes	Technical & processing knowledge of population interactions among organisms .
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to the topic.
Assessment	Written test, class response and diagrammatic assignments.
Lab Activity	Study of living organisms in a particular niche with the help of quadrat method.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: November (25days)

Grade XII

Topic	Chapter 16: Environmental Issues.
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking .
Learning Outcomes	Upliftment of Ecology, conceptual knowledge of biodiversity & its conservation and pollution related issues .
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to the topic.
Assessment	Written test, class response and diagrammatic assignments.
Lab Activity	Study of pH of soil collected from different areas Study of effect of pollution on plants.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: December (21days)

Grade XII

Topic	Revision of syllabus.
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking .
Learning Outcomes	Conceptual & Practical Knowledge.
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to the topic.
Assessment	Third Evaluation (December Term).
Lab Activity	Revision of Practicals.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner 2019-20

Detailed Planner of Biology

Month: January (24days)

Grade XII

Topic	Revision of syllabus.
Concept & Skills	Inquiring skills, curiosity, critical and analytical thinking .
Learning Outcomes	Conceptual & Practical Knowledge.
Instructional Tools & References	CBSE prescribed text books, web resource based on related topics, biology lab.
Pedagogy	Diagrammatic representation, Group discussion, Interactive sessions.
Activity / Assignment / Research	Assignment related to the topic.
Assessment	Preboards
Lab Activity	Revision of Practicals.

Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : March, 2019 (12 days) Class: XII

Topic	L-15 polymer L-16 Chemistry in everyday life L-2 Solutions
Concept & Skills	Cognitive skills, General Awareness, critical thinking
Learning Outcomes	Scientific attitude, Self awareness, enhance their capabilities
Instructional Tools & References	Smart board
Pedagogy	Explanation method, concept understanding,
Activity / Assignment / Research	Assignment of chapters
Assessment	By asking question, written tests
Lab Activity	To study properties of solids,

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : April 2019 (23 Days) Class: XII

Topic	Ch-2 solutions Ch-3 electrochemistry
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	volumetric analysis

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : May 2019

Class: XII

Topic	Ch-5 Surface Chemistry
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstartions
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assinments
Assessment	By asking question, written tests
Lab Activity	Study of rate of corrosion of different metals

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : June 2019 (18 Days) Class: XII

Topic	Ch-4 chemical kinetics Ch- 6 General principle and isolation of elements
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: Chromatography

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : July 2019 (19 Days) Class: XII

Topic	Ch-7 p-Block elements Ch-8 d and f block elements
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: Detection of cations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : August 2019 (24 Days) Class: XII

Topic	Ch-9 coordination compounds Ch-10 Haloalkane and haloarenes Ch- 14 Biomolecules
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: Redox titrations

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : September 2019 (22 Days) Class: XII

Topic	Ch-11 Alcohol phenol and ethers
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: functional group analysis

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : October 2019 (15 Days) Class: XII

Topic	Ch-12 aldehydes ketones and carboxylic acid Ch-13 organic compounds containing amines
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: functional group analysis

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : November 2019 (25 Days) Class: XII

Topic	Revision
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	performing experiments in labs: Test of Carbohydrates, fats and protein in given food stuffs

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : December 2019 (21 Days) Class : XII

Topic	3 rd evaluation
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	practical exams

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : January 2020 (24 Days) Class : XII

Topic	Revision and pre board exam
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	practical exams

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Chemistry

Month : February 2020 Class : XII

Topic	Revision
Concept & Skills	Cognitive skills, General Awareness
Learning Outcomes	Ability to perform and understand chemical research, critical thinking and problem solving ability
Instructional Tools & References	Smart board, practical demonstrations
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Activity based projects, enquiry based assignments
Assessment	By asking question, written tests
Lab Activity	practical exams

Academic

Planner

X99 PHYSICS

2019-20

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (18)

Month : March , 2019

Class: XII

Topic	Electrostatics
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on electrostatics
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (23)

Month : April 2019 Class: XII

Topic	Electrostatics
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on electrostatics
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (24)

Month : May 2019 Class: XII

Topic	Current electricity
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on current electricity
Assessment	First Evaluation
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (18)

Month : June 2019 Class: XII

Topic	Magnetic effect of current and magnetism
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on magnetism
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (19)
Month : July 2019 Class: XII

Topic	Electromagnetic Induction and alternating currents
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on alternating currents
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (24)

Month : August 2019

Class: XII

Topic	Electromagnetic waves and optics
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on electromagnetic waves and optics
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (22)

Month : September 2019

Class: XII

Topic	Dual nature of matter and radiation, Atoms and Nuclei
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on Dual nature of matter and radiation, Atoms and Nuclei
Assessment	Second Evaluation
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (15)

Month : October 2019

Class: XII

Topic	Electronic devices and communication system
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on electronic devices and communication system
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (25)
Month : November 2019 Class: XII

Topic	Communication system
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on communication system
Assessment	Class response, written tests and assignments
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (24)

Month : December 2019 Class: XII

Topic	Revision of complete syllabus
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on complete syllabus
Assessment	Third Evaluation
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (24)

Month : January 2020 Class: XII

Topic	Revision of complete syllabus
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on complete syllabus
Assessment	Pre-Board
Lab Activity	Practical related to the topic

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of PHYSICS (23)

Month : February 2020

Class: XII

Topic	Revision of complete syllabus
Concept & Skills	Inquiring skills, curiosity about natural phenomenon, critical and analytical thinking. Cognitive skills, General Awareness
Learning Outcomes	Self awareness, enhance student capabilities
Instructional Tools & References	Smart board, CBSE prescribed text books, web resource based on related topics.
Pedagogy	Explanation method, concept understanding
Activity / Assignment / Research	Assignment based on complete syllabus
Assessment	Final Practical's
Lab Activity	Practical related to the topic



Academic Planner

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Informatics Practices (065)

Month : March 2019

Class: XII(12 Days)

Topic	Prerequisites - Informatics Practices :XI (Database Concepts)
Concept & Skills	Database Management System , Advantages , Disadvantages , Components , RDBMS , Organized Database, Relationship among Tables, Data Independence, Different Data Models. Concept of keys. Primary & Foreign keys. SQL commands.
Learning Outcomes	Relational Data Model , Hierarchical Data Model and Network Model. Concept of Data Independence Logical & Physical Data Independence.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics, Computer Lab and ICR.
Pedagogy	Practical Demonstration of Creating Database to store data in bulk. Project work.
Activity / Assignment / Research	Presentation of various DBMS/RDMS software, Lab sessions for preparation of RDBMS/Tables with concept of Degree/ Cardinality.
Assessment	Written assessment.
Lab Activity	Project Work: Creating a School Management System database to store data of all the branches.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Informatics Practices (065)

Month : April 2019

Class: XII(23 Days)

Topic	Data Handling (DH-2)
Concept & Skills	Python Pandas: Advanced operations on Datagrams : pivoting, sorting, and aggregation. Descriptive statistics: min , max ,mean ,count ,sum, median ,quartile ,var.
Learning Outcomes	Preparing Data Frames to keep data in Tabular Format , Performing various data handling function on Data Frames.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics, Computer Lab and ICR.
Pedagogy	Broadcasting Operations - Pandas
Activity / Assignment / Research	Presentation of various Python Pandas operational methods.
Assessment	Written assessment.
Lab Activity	Project Work(Python Pandas- Data Frames)

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : May, 2018

Class: XII (24Days)

Topic	Python : Numpy
Concept & Skills	1D array, 2D array
Learning Outcomes	Arrays:slices,joins and subsets , Arithmetic operations on 2D arrays , Covariance , correlation and linear regression.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics, Computer Lab and related RDBMS applications.
Pedagogy	Plotting with Pyplot : Plot bar graphs ,histograms , frequency polygons, box plots, and scatter plots.
Activity / Assignment / Research	Creating Plotting in graphs.
Assessment	Class response, practical assignment , project work.
Lab Activity	Project Work(creating various Pyploting)

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : June, 2018

Class: XII (18 Days)

Topic	Basic Software Engineering (BSE)
Concept & Skills	Introduction to software engineering. Software Processes: waterfall model, evolutionary model, and component based model.
Learning Outcomes	Delivery models : incremental delivery ,spiral delivery. Process activities: specification ,design/implementation, validation and evolution.
Instructional Tools & References	Customized text books, PowerPoint presentation based on related topics.
Pedagogy	Practical Demonstration, Group discussion, Interactive sessions.
Activity / Assignment / Research	Lab sessions for preparation of Network.
Assessment	Class response, techniques used for creating network.
Lab Activity	Project Work

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : August, 2018

Class: XII (24 Days)

Topic	Data Management (DM-2)
Concept & Skills	Write a minimal Django based web application. GET and POST request, and writes the fields to a file-flat file & CSV file.
Learning Outcomes	Interface Python with an SQL database. SQL commands: aggregation functions, having, group by, order by.
Instructional Tools & References	Customized text books , w3schools.com (web-site)
Pedagogy	Practical Demonstration, Group discussion, Interactive sessions.
Activity / Assignment / Research	Presentation of Generations of computers, Lab sessions for preparation of Presentation with provision of Internet
Assessment	Written Test and Project work(creating animations).
Lab Activity	Working with Macromedia Flash MX application.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : September, 2018

Class: XII (22 Days)

Topic	Society, Law and Ethics(SLE-2)
Concept & Skills	Intellectual property rights, plagiarism ,digital rights management ,and licensing (Creative commons,GPL and Apache), open source ,open data privacy.
Learning Outcomes	Execution on the basis of criteria , repetition without rewriting code.
Instructional Tools & References	WAMP Server, Customized text books , Text Editor.
Pedagogy	Practical Demonstration, PowerPoint presentations.
Activity / Assignment / Research	Practical Assignment , Project work , Connecting client side script with server.
Assessment	Written assessment, Project work.
Lab Activity	Practical Session.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : October 2018

Class: XII (15 Days)

Topic	Privacy laws, fraud ,cybercrime-phishing ,illegal downloads ,child pornography, scams ,cyber forensics, It Act 200.
Concept & Skills	Laws and Ethics: Technology and society: understanding of societal issues and cultural changes induced by technology. Identity theft, unique ids, and biometrics.
Learning Outcomes	Gender and disability issues while teaching and using computers. Role of new media in society : online campaigns ,crowdsourcing, smart mobs.
Instructional Tools & References	WAMP Server , Text Editor and Web browser
Pedagogy	Internet addiction , net neutrality, internet an echo chamber. Case studies: Arab Spring, WikiLeaks , Bit coin.
Activity / Assignment / Research	Creating text file , displaying text from file in web browser window.
Assessment	Written , Practical assessment.
Lab Activity	Project work.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : November, 2018

Class: XII (25 Days)

Topic	Revision
Concept & Skills	Database Management System , Advantages , Disadvantages , Components , RDBMS ,Organized Database, Relationship among Tables, Data Independence, Different Data Models. Concept of keys. Primary & Foreign keys.
Learning Outcomes	Computerize RDBMS creation
Instructional Tools & References	Customized text books, Power Point Presentation , www.W3Schools.com (web site for reference material)
Pedagogy	Practical Demonstration
Activity / Assignment / Research	Database Management
Assessment	Written assessment
Lab Activity	Practical assignments.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : December, 2018

Class: XII (19 Days)

Topic	Revision
Concept & Skills	Unit 2: Basic Software Engineering , Unit 3: Data Management (DM-2)
Learning Outcomes	Django based web application that parses a GET and POST request , Flat file and CSV file. , SQL database.
Instructional Tools & References	Customized text books, SQL Sub set queries, Protocols in Client/Server.
Pedagogy	Practical Demonstration, Lab Activities.
Activity / Assignment / Research	Web site (Project)
Assessment	Written assessment
Lab Activity	Practical assignments.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : January , 2018

Class: XII (24 Days)

Topic	Revision
Concept & Skills	Python Pandas: Advanced operations on Datagrams : pivoting, sorting, and aggregation. Descriptive statistics: min , max ,mean ,count ,sum, median ,quartile ,var.
Learning Outcomes	Descriptive statistics
Instructional Tools & References	Customized text books.
Pedagogy	Practical Demonstration, Lab Activities.
Activity / Assignment / Research	Web site (Project)
Assessment	Written assessment
Lab Activity	Practical assignments.

Gobindgarh Public School, Mandi Gobindgarh

Academic Planner

Detailed Planner of Multimedia and Web Technology(067)

Month : February, 2018

Class: XII (23 Days)

Topic	Revision
Concept & Skills	Arrays:slices,joins and subsets , Arithmetic operations on 2D arrays , Covariance , correlation and linear regression.
Learning Outcomes	1D array, 2D array
Instructional Tools & References	Customized text books
Pedagogy	Practical Demonstration, Lab Activities.
Activity / Assignment / Research	Web site (Project)
Assessment	Written assessment
Lab Activity	Practical assignments.