

Child Development And Pedagogy

- Concept of development and its relationship with learning
- Principles of the development of children
- Influence of Heredity and Environment
- Socialization processes: Social world and children (Teacher, Parents, Peers)
- Concepts of child-centred and progressive education
- Critical perspective of the construct of Intelligence
- Multi-Dimensional Intelligence
- Language and Thought
- Addressing the needs of children with learning difficulties, 'impairment' etc.
- Addressing the Talented, Creative, Specially abled Learners
- Basic processes of teaching and learning; children's strategies of learning; learning as a social activity; social context of learning.
- Child as a problem solver and a 'scientific investigator'
- Cognition & Emotions
- Motivation and learning
- Factors contributing to learning – personal and environmental

Language I

- Grammar – practical grammatical terms for nouns, pronouns, adjectives, sex, verb, factor, tense, inverse, synonyms, idioms, expressions, word-combination, etc
- Education Scholar Dimensions Principles and methods of language learning
- Language skills understanding language and understanding of listening, speaking, reading, writing, language skills
- Understanding language and understanding of listening, speaking, reading, writing, language skills
- Development of communication skills
- Understanding of practical grammar
- Resolving difficulties/ discrepancies in language teaching
- Teaching material
- Remedial Teaching

Language II

- Comprehension
- Pedagogy of Language Development 15 Questions
- Learning and acquisition
- Principles of language Teaching
- A critical perspective on the role of grammar in learning a language for communicating ideas

- verbally and in written form;
- Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders
- Language Skills
- Evaluating language comprehension and proficiency: speaking, listening, reading and writing
- Teaching-learning materials: Textbook, multi-media materials, multilingual resource of the classroom
- Remedial Teaching

Mathematics

- Number System
- Knowing our Numbers
- Playing with Numbers
- Whole Numbers
- Negative Numbers and Integers
- Fractions
- Fractions
- Algebra
- Introduction to Algebra
- Ratio and Proportion
- Geometry
- Basic geometrical ideas (2-D)
- Understanding Elementary Shapes (2-D and 3-D)
- Symmetry: (reflection)
- Construction (using Straight edge Scale, protractor, compasses)
- Mensuration
- Data handling

Science

- Food
- Sources of food
- Components of food
- Cleaning food
- Materials
- Materials of daily use
- The World of the Living
- Moving Things People and Ideas
- Electric current and circuits
- Magnets
- Natural Phenomena

- Natural Resources
- Social Studies/Social Sciences

History

- When, Where and How
- The Earliest Societies
- The First Farmers and Herders
- The First Cities
- Early States
- Political Developments
- Culture and Science
- New Kings and Kingdoms
- Sultans of Delhi
- Architecture
- Creation of an Empire
- Social Change
- Regional Cultures
- Geography
- Planet: Earth in the solar system
- Globe
- Environment in its totality: natural and human environment
- Air
- Water
- Human Environment: settlement, transport, and communication
- Resources: Types-Natural and Human
- Social and Political Life
- Diversity
- Government
- Local Government
- Making a Living
- Democracy
- State Government
- Understanding Media
- Unpacking Gender
- The Constitution
- Parliamentary Government
- The Judiciary
- Social Justice and the Marginalised

Environmental Studies

- Family and Friends – Relationships, Bears, Plants, Work, and Sports

- Food – Foods obtained from plants and animals, animal feeding, cooking meals, eating in the family, eating animals
- Shelter – Accommodation and its type, neighbourhood and its mapping, home decor and cleaning, your family and domestic animals
- Water-Water sources, Water for families, Water storage, Our life and water, Lack of water, Water drift, Water requirement for plants and animals
- Travel – Destination Location (Location, Water, Space), Travel Equipment, Communication-Communication, Letter Communication
- Automation and Behavior of Objects- Soil-Building Vastu
- Nature of environmental studies
- Importance of Environmental Studies
- Education about the environment
- Education through the environment
- General evaluation
- Education for the conservation of the environment
- Relation from science to science and social sciences
- Ways to learn
- Activities / practical work
- Teaching-ingredient Problems