Maharashtra Teacher Syllabus

Maharashtra Teacher Syllabus – Child Development Pedagogy

Unit I:

- Child Development: Concept of growth and development, Principles and dimensions of development. Factors affection development (especially in the context of family and school) and its relationship with learning
- Role of Heredity and environment

Unit II:

- Meaning and Concept of learning and its processes.
- Factors of Affection learning.
- Theories of learning and its implication
- How Children learn and think.
- Motivation and Implications for Learning.

Unit III:

- Individual Differences: Meaning, types, and factors Affection Individual differences Understanding individual differences by language, gender, community, caste & religion.
- Personality: Concept and types of character, Factors responsible for shaping it. It's a measurement.
- Intelligence: Concept, Theories, and its measurement, Multidimensional Intelligence.

Unit IV:

- Understanding diverse learners: Backward, Mentally retarded, gifted, creative, disadvantaged and deprived, specially abled.
- Learning Difficulties.
- Adjustment: Concept and ways of change. Role of teacher in the adjustment.

Unit-V:

- The teaching-learning process, Teaching learning strategies and methods in the context of National Curriculum Framework 2005.
- Meaning and purposes of Assessment, Measurement, and Evaluation. Comprehensive and Continuous Evaluation.
- Constriction of Achievement Test.
- Action Research.

- Right to Education Act 2009 (Role and Responsibilities of Teachers)

MAHA Shikshak Language Syllabus

English:
Unit I
Unseen Prose Passage
Linking Devices, Subject-Verb Concord, Inferences
Unit II
Unseen Poem
Identification of Alliteration, Simile, Metaphor, Personification, Assonance, Rhyme.
Unit III
Modal Auxiliaries, Phrasal Verbs, and Idioms, Literary Terms: Elegy, Sonnet, Short Story, Drama.
Unit IV
Basic knowledge of English Sounds and their Phonetic Transcription.
Unit V
Principles of Teaching English, Communicative Approach to English Language Teaching, Challenges of Teaching English: Language Difficulties, Errors, and Disorders.
Unit VI
Methods of Evaluation, Remedial Teaching.

Hindi

Urdu

Sanskrit

Maharashtra Teacher Syllabus - Chemistry

- Analytical techniques
- Thermodynamics
- Electrochemistry
- Analytical Chemistry
- Organic Synthesis
- Photochemistry
- Acids and Bases
- Quantum Chemistry
- Redox Reactions
- Inorganic reaction mechanism
- Bio-inorganic Chemistry
- Structure and Bonding
- Nuclear Chemistry

- Chemical Kinetics
- Chemistry of Transition Elements

Maharashtra Shikshak Syllabus - Commerce

- Security Analysis and Protifoils Management
- Recent Trends in Commerce
- Research Methodology and Quantitative Techniques
- Management Information Systems
- Financial Accounting
- Management Principles and Techniques
- Taxation Laws – Direct & Indirect
- Advanced Cost Accounting

School Education And Sports Department Syllabus - Biology

- Plant Physiology
- Biochemistry
- Anatomy
- Algae, Fungi
- Pteridophyte
- Plant Succession
- Environmental Pollution
- Cell Biology
- Embryology of angiosperms
- Plant growth and growth hormones
- Ecology
- Viruses
- Gymnosperm
- Morphology of Angiosperm
- Plant Diseases
- Bacteria
- Bryophytes

School Education And Sports Department, Maharashtra Teacher Physics Syllabus

- Nuclear and Particle Physics
- Quantum Theory and its Applications
- Electromagnetic Theory
- Classical Mechanics and Relativity
- Atomic and Molecular Physics
- Experimental Physics

- Mathematical Methods
- Thermodynamics and Statistical Mechanics
- Electronics
- Condensed Matter Physics

Maharashtra Teacher Syllabus - Geography

- Geomorphology
- Statistical Methods
- Settlement Geography
- Remote Sensing
- Geographic Thought
- Biogeography
- Map making
- Population Geography

MAHA Shikshak Exam Syllabus - Mathematics

- Indefinite integrals
- Statistics
- Cartesian system of rectangular coordinates
- Inverse trigonometric functions
- Matrices and determinants
- Mathematical induction
- Permutations and combinations
- Boolean Algebra
- Straight line
- Trigonometric functions
- Complex numbers
- Quadratic equations and linear in equations
- Sequences and series
- Definite integrals
- Sets relations and functions
- Circles and family of circles
- Conic sections
- Binomial Theorems
- Exponential and logarithm series
- Solutions of triangle
- Family of lines
- Mathematical logic
- Differential equation
- Probability
- Function, limit, and continuity

- Differentiation
- Applications of derivatives