

CTET Syllabus for Paper 2

Child Development and Pedagogy

- Concept of development and its relationship with learning
- Principles of the development of children
- Influence of Heredity & Environment
- Socialization processes: Social world & children (Teacher, Parents, Peers)
- Piaget, Kohlberg, and Vygotsky: constructs and critical perspectives
- Concepts of child-centered and progressive education
- Critical perspective of the construct of Intelligence
- Multi-Dimensional Intelligence
- Language & Thought
- Gender as a social construct; gender roles, gender bias, and educational practice
- Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion, etc.
- Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous & Comprehensive Evaluation: perspective and practice
- Formulating appropriate questions for assessing the readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement.

Concept of Inclusive education and understanding children with special needs

- Addressing learners from diverse backgrounds including disadvantaged and deprived
- Addressing the needs of children with learning difficulties, “impairment” etc.
- Addressing the Talented, Creative, Specially abled Learners

Learning and Pedagogy

- How children think and learn; how and why children “fail” to achieve success in school performance.
- 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”
- Alternative conceptions of learning in children, understanding children’s “errors” as significant steps in the learning process.
- Cognition & Emotions
- Motivation and learning
- Factors contributing to learning - personal & environmental

Language I

Language Comprehension

Reading unseen passages - two passages one prose or drama and one poem with questions on comprehension, inference, grammar, and verbal ability (Prose passage may be literary, scientific, narrative, or discursive)

Pedagogy of Language Development

- Learning and acquisition
- Principles of language Teaching

- Role of listening and speaking; function of language and how children use
- IT as a tool
- Critical perspective on the role of grammar in learning a language for communicating as 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 resources of the classroom
- Remedial Teaching

Language-II

a) Comprehension

- Two unseen prose passages (discursive or literary or narrative or scientific) with questions on comprehension, grammar, and verbal ability

b) Pedagogy of Language Development

- Learning and acquisition
- Principles of language Teaching
- Role of listening and speaking; function of language and how children use it as a tool
- 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 and Science

(i) Mathematics

- Number System
- Knowing our Numbers
- Playing with Numbers
- Whole Numbers
- Negative Numbers and Integers
- Fractions

(ii) Algebra

- Introduction to Algebra
- Ratio and Proportion

(iii) 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

(iv) Pedagogical issues

- Nature of Mathematics/Logical thinking
- Place of Mathematics in Curriculum
- Language of Mathematics
- Community Mathematics
- Evaluation
- Remedial Teaching
- Problem of Teaching

Science

(a) Content

1. Food
 - Sources of food
 - Components of food
 - Cleaning food
2. Materials
 - Materials of daily use
3. The World of the Living
4. Moving Things People and Ideas
5. How things work
 - Electric current and circuits
 - Magnets
6. Natural Phenomena
7. Natural Resources

b) Pedagogical issues

- Nature & Structure of Sciences
- Natural Science/Aims & objectives
- Understanding & Appreciating Science
- Approaches/Integrated Approach
- Observation/Experiment/Discovery (Method of Science) • Innovation
- Text Material/Aids
- Evaluation - cognitive/psychomotor/affective
- Problems
- Remedial Teaching

Social Studies/Social Sciences

1. History

- When, Where and How
- The Earliest Societies
- The First Farmers and Herders
- The First Cities
- Early States
- New Ideas

- The First Empire
- Contacts with Distant lands
- Political Developments
- Culture and Science
- New Kings and Kingdoms
- Sultans of Delhi
- Architecture
- Creation of an Empire
- Social Change
- Regional Cultures
- The Establishment of Company Power
- Rural Life and Society
- Colonialism and Tribal Societies
- The Revolt of 1857-58
- Women and reform
- Challenging the Caste System
- The Nationalist Movement
- India After Independence

2. Geography

- Geography as a social study and as a science
- 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
- Agriculture

3. 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

4. Pedagogical issue

- Concept & Nature of Social Science/Social Studies
- Class Room Processes, activities and discourse
- Developing Critical thinking
- Enquiry/Empirical Evidence
- Problems of teaching Social Science/Social Studies
- Sources - Primary & Secondary

- Projects Work
- Evaluation