

# TS TET Syllabus 2024

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The syllabus for TS TET will comprise of two papers and almost similar subjects: Paper I & Paper II. Both papers will consist of Child development & Pedagogy section, mathematics and language section.

## TS TET Paper I Syllabus

The syllabus for the TS TET will comprise of subjects such as Languages, Mathematics, Environmental Studies and Child development & Pedagogy. Refer to the table below to know more:

Topic	Description
Development of child	Development, Growth & Maturation - Concept & Nature
Principles of Development & their educational implications	Factors influencing Development - Biological, Psychological, Sociological
Dimensions of Development and their interrelationships - Physical & Motor, Cognitive, Emotional, Social, Moral, Language relating to Infancy, early Childhood, late Childhood, Adolescence.	Understanding Development - Piaget, Kohlberg, Chomsky, Carl Rogers and Erikson
Individual differences - Intra & Inter Individual differences in the areas of Attitudes, Aptitude, Interest, Habits, Thinking (Divergent & Convergent), Intelligence and their Assessment	Development of Personality - Concept, Factors affecting development of Personality, Child Rearing Practices, Self-Concept
Adjustment, Behavioral problems, Defense Mechanisms, Mental Health	Methods and Approaches of Child Development – Introspection, Observation, Interview, Case study, Experimental, Rating Scales, Anecdotal Records, Questionnaire, Cross-sectional and Longitudinal
Developmental tasks and Hazards	Concept, Nature of Learning - Input - Process – Outcome
Understanding Learning	Factors of Learning - Personal and Environmental

Approaches to Learning and their applicability - Behaviorism (Skinner, Pavlov, Thorndike), Constructivism (Piaget, Vygotsky), Gestalt (Kohler, Koffka) and Observational (Bandura)	Dimensions of Learning - Cognitive, Affective and Performance
Motivation and Sustenance -its role in learning.	Memory & Forgetting
Transfer of Learning	Pedagogical Concerns
Teaching and its relationship with learning and learner	Learners in Contexts: Situating learners in the socio-political and cultural context
Children from diverse contexts - Children With Special Needs (CWSN), Inclusive Education	Understanding of Pedagogic methods - Enquiry based learning, Project-based learning, Survey, Observation and Activity based learning, Co-operative & Collaborative learning
Individual and Group learning: Issues and concerns with respect to organizing learning in the classroom like Study habits, Self-learning and Learning to learn skills	Organizing learning in heterogeneous classroom groups - Socio-economic background, Abilities and Interests
Paradigms of organizing Learning - Teacher centric, Subject centric and Learner centric	Theory of Instruction - Bruner
Teaching as Planned activity - Elements of Planning	Phases of Teaching - Pre active, Interactive and Post active
General and Subject related skills, competencies required in teaching and attributes of a good facilitator	Learning resources - Self, Home, School, Play, Community, Technology
Classroom Management: Role of the student, teacher, the Leadership style of the teacher, Creation of a non-threatening learning environment, Managing behaviour problems, Guidance & Counseling, Child Abuse, Punishment and its legal implications, Rights of a child, Time Management.	The distinction between Assessment for Learning & Assessment of Learning, School-based Assessment, Continuous & Comprehensive Evaluation: Perspective & Practice
Understanding teaching & learning in the context of NCF, 2005 & Right To Education Act, 2009.	
<b>TS TET Syllabus of Paper I for Language I</b>	<b>Questions will be related to one of the following languages opted by the candidate</b>

Telugu	Urdu
Hindi	Bengali
Kannada	Marathi
Tamil	Gujarati
<b>TS TET Syllabus of Paper I for Language II (English)</b>	
Parts of Speech	Active and Passive Voice
Tenses	Prepositions and Articles
Degrees of Comparison	Clauses
Verbs	Adverbs
Conjunction	Questions and Question Tags
Types of Sentences	Phrases
Phrases	English Composition
English Vocabulary	Comprehension
Meaning of idiomatic expressions	Correction of Sentences
Sentence Sequencing	Error identification
Aspects of English	Objectives of Teaching Language
Phonetics/ Transcription	Development of Language skills
Approaches, methods and techniques of teaching English	Teaching of structures and Vocabulary
Teaching learning materials in English	Lesson planning

Curriculum and textbooks	Evaluation in the English language based on CCE Pattern.
<b>TS TET Syllabus of Paper I for Mathematics</b>	
Number System	Arithmetic
Sets	Algebra
Geometry	Mensuration 2D and Mensuration 3D
Data Handling	Definition and nature of Mathematics
Trigonometry	Aims, values, and instructional objectives of teaching Mathematics
<b>TS TET Syllabus of Paper I for Environmental Studies</b>	
Family	Work & Play
Plants and Animals	Food
Shelter	Air
Energy	Water
Body - Health - Cleanliness	History and culture of India
Mapping	Telangana
Indian constitution	Pedagogy
Earthquakes, Floods, Fire, First Aid, 108, 104 Vehicles	

## TS TET Paper II Syllabus

The TS TET Paper II will comprise of subjects such as General Science, Social Studies, Language and Mathematics syllabus. The candidates will have to prepare the syllabus according to the exam pattern.

### General Science Syllabus

**TS TET Syllabus for Paper 2 General Science**

Natural Resources	Our Universe
Natural Phenomenon	Mechanics - Kinematics, Dynamics
Magnetism and Electricity	Matter around us
Laws of Chemical Combination and Chemical calculations	Atomic Structure
Periodic classification and chemical bonding	Metallurgy
Biology	Living world and its characteristics
Plant world	Animal world
Microbes	Our Environment
Recent trends in Biology	Definition, nature, structure, and history of science
Aims, values, instructional objectives of teaching science	Methods of teaching science
Instructional material in teaching science	Instructional Planning
Science laboratory	Science teacher and changing roles

Science curriculum and its transactions	New science textbooks
Evaluation as per CCE Pattern	

### Social Studies Syllabus

<b>Topics covered in TS TET Paper 2 Syllabus for Social Studies</b>	
Diversity on Earth	Production- Exchange and Livelihoods
Political systems and Governance	Social Organizations and inequities
Religion and society	Culture and Communication
Nature and Scope of Social Studies	Aims, objectives, and values of teaching Social Studies
Methods and techniques of teaching Social Studies	Teaching, learning material and resources
Instructional planning	Evaluation
Social Studies teacher	Disaster Management, Deforestation, Socio-Economic problems
National Identity, civic affairs and International Relations	

### Language Syllabus

<b>TS TET Paper 2 Language Syllabus</b>
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<b>TS TET Syllabus of Paper II for Language I</b>	<b>Questions will be related to one of the following languages opted by the candidate</b>
Telugu	Kannada
Urdu	Marathi
Hindi	Tamil
Bengali	Gujarati
<b>TS TET Syllabus of Paper II for Language II (English)</b>	
Parts of Speech	Conjunction
Tenses	Questions and Question Tags
Active and Passive Voice	Types of Sentences
Prepositions and Articles	Phrases
Degrees of Comparison	English Composition
Clauses	Comprehension
Verbs	English Vocabulary
Adverbs	Meaning of idiomatic expressions
Teaching of structures and Vocabulary	Correction of Sentences
Teaching learning materials in English	Sentence Sequencing
Lesson planning	Error identification
Curriculum and textbooks	Aspects of English

Evaluation in the English language based on CCE Pattern	Objectives of Teaching Language
Approaches, methods and techniques of teaching English	Phonetics/ Transcription
	Development of Language skills

### Mathematics Syllabus

<b>Topics Covered in TS TET Syllabus for Paper II Mathematics Syllabus</b>	
Number System	Understanding different number systems
Arithmetic	Basic operations and their applications
Sets	Concepts of sets and their applications
Algebra	Basic algebraic concepts
Geometry	Geometric figures and properties
Mensuration 2D and Mensuration 3D	Measurements in two and three dimensions
Data Handling	Data interpretation and statistical analysis
Trigonometry	Trigonometric functions and their applications



Definition and nature of Mathematics	Understanding the essence and scope of mathematics
Aims, values, and instructional objectives of teaching Mathematics	Goals and methods for teaching mathematics

### Child Development & Pedagogy Syllabus

<b>Topics Covered in Child Development &amp; Pedagogy Syllabus 2024</b>	
Development, Growth & Maturation - Concept & Nature	Principles of Development & their educational implications
Factors influencing Development - Biological, Psychological, Sociological	Dimensions of Development and their interrelationships - Physical & Motor, Cognitive, Emotional, Social, Moral, Language relating to Infancy, early Childhood, late Childhood, Adolescence
Understanding Development - Piaget, Kohlberg, Chomsky, Carl Rogers and Erikson	Individual differences - Intra & Inter Individual differences in the areas of Attitudes, Aptitude, Interest, Habits, Thinking (Divergent & Convergent), Intelligence and their Assessment
Development of Personality - Concept, Factors affecting development of Personality, Child Rearing Practices, Self-Concept	Adjustment, Behavioral problems, Defense Mechanisms, Mental Health
Methods and Approaches of Child Development – Introspection, Observation, Interview, Case study, Experimental, Rating Scales, Anecdotal Records, Questionnaire, Cross-sectional and Longitudinal	Developmental tasks and Hazards

Understanding Learning	Concept, Nature of Learning - Input - Process – Outcome
Factors of Learning - Personal and Environmental	Approaches to Learning and their applicability - Behaviorism (Skinner, Pavlov, Thorndike), Constructivism (Piaget, Vygotsky), Gestalt (Kohler, Koffka) and Observational (Bandura)
Dimensions of Learning - Cognitive, Affective and Performance	Motivation and Sustenance - its role in learning
Memory & Forgetting	Transfer of Learning
Pedagogical Concerns	Teaching and its relationship with learning and learner
Learners in Contexts: Situating learners in the socio-political and cultural context	Children from diverse contexts - Children With Special Needs (CWSN), Inclusive Education
Understanding of Pedagogic methods - Enquiry based learning, Project-based learning, Survey, Observation and Activity based learning, Co-operative & Collaborative learning	Individual and Group learning: Issues and concerns with respect to organizing learning in the classroom like Study habits, Self-learning and Learning to learn skills
Organizing learning in heterogeneous classroom groups - Socio-economic background, Abilities and Interests	Paradigms of organizing Learning - Teacher centric, Subject centric and Learner centric
Theory of Instruction - Bruner	Teaching as Planned activity - Elements of Planning
Phases of Teaching - Pre active, Interactive and Post active	General and Subject related skills, competencies required in teaching and attributes of a good facilitator

<p>Learning resources - Self, Home, School, Play, Community, Technology</p>	<p>Classroom Management: Role of the student, teacher, the Leadership style of the teacher, Creation of a non-threatening learning environment, Managing behaviour problems, Guidance &amp; Counseling, Child Abuse, Punishment and its legal implications, Rights of a child, Time Management</p>
<p>The distinction between Assessment for Learning &amp; Assessment of Learning, School-based Assessment, Continuous &amp; Comprehensive Evaluation: Perspective &amp; Practice</p>	