



Centre for Teacher Accreditation

## Syllabus for Special Education Needs



## Grade specific section:

### **General Subject Knowledge for Grades 1-8**

**English:** Reading comprehension, literary devices, narrative traits and structure, punctuation, Grammar - tenses, verbs, parts of speech, sentences (structure, types); Vocabulary- phonics, syllables

**Hindi:** पठन, मुहावरे, शब्द-चयन, विराम चिह्न, संज्ञा, विशेषण, क्रिया विशेषण, एकवचन-बहुवचन, पर्यायवाची, विलोम, सर्वनाम, भाषण - बातचीत के प्रकार

**Math:** Numbers - natural numbers, whole numbers, place value system, number sense (Estimation of numbers), arithmetic operations, fractions, decimals; geometry - line, circles, triangles, angle and its parts — vertex, arm, interior and exterior, tangram; symmetry - reflection, line of symmetry; mensuration - area and perimeter of square, rectangle, circle, triangle; Distinguish between events occurring in time - earlier and later, reading time; data handling - reading a graph, pictograph, family tree

**Science:** Food - types and sources of food, balanced diet, food wastage, food web; Fabrics - types of fabrics, colouring and design of clothes; Water - sources of water, water cycle, water conservation; People and places - habitats, types of landscapes, different types of houses, lifestyle; Flora and Fauna - mammals, birds, fishes, reptiles, domestic and commercial use of animals, diversity in plants, flowering and non-flowering plants, endangered and extinct plants and animals; Parts of human body; Natural disasters; Diseases and their prevention

**Social Science:** sources of historical information, Early kingdoms, religion, Mughal empire, culture, India after Independence, governance, solar system, globe and maps, weather and climate, land and soil, mineral resources, physical features of India, population, transport and communication, gender and equality, constitution and law of India, Indian governance

### **General Subject Knowledge for Grades 9-12**

**English:** Reading comprehension, literary devices, narrative traits, punctuation, syllables, sentence structure and types, Vocabulary - synonyms, antonyms, homonyms, collocation, Grammar- tenses, voice, parts of speech

**Hindi:** पठन, मुहावरे, शब्द-चयन, विराम चिह्न, संज्ञा और संज्ञा रूप, क्रिया और क्रिया रूप (सकर्मक और अकर्मक क्रियाओं सहित), विशेषण, क्रिया विशेषण और क्रिया विशेषण रूप, वाक्यांश क्रिया, सर्वनाम, लेख, निर्धारक, एकवचन-बहुवचन रूप, पूर्वसर्ग, संयोजन, संकुचन, काल, विषय-क्रिया समझौता, संशोधक, पर्यायवाची, विलोम

**Math:** Properties of Arithmetic operations, fractions, decimals, Completing a given sequence of patterns, Triangular numbers, Special numbers, Types of angles (acute, obtuse, right, reflex, complementary, supplementary, linear pair of angles, vertically opposite angles), Types of graphs - bar graph, pie chart, line graph, Pictograph



**Science:**

Biology- Anatomy and physiology of human body, plant nutrition and transportation system, reproduction in plants and animals, conservation of plants and animals, food production and management

Chemistry -acids bases and salts, combustion, metals and non-metals, separation of materials,

Physics- types and characteristics of motion, friction, electric charge - types and characteristics, magnetism

**Social Science:** social differences, types and characteristics of occupations and professions, India in ancient times, religion and culture in ancient India, architecture of ancient India, Delhi Sultanate, tribes and regional settlements, city in colonial India, Industrialisation, education under company rule, Indian national movement, Freedom journey of India, first and second world wars

Maps, physical features of India,

---

**Common Sections:**

**Knowledge of Acts and Policies related to SEN**

**Acts:** e.g. RTE 2009, Rights of Persons with Disabilities 2016, National Trust Act (Act 44 of 1999), mental healthcare act

**Policies:** e.g. Sarva Shiksha Abhiyan, UN Convention on Rights of Persons with Disabilities and its Operational Protocol, 2006; National Education Policy 2020

**Inclusive Education and Expertise in SEN Practices**

**Fundamentals of SEN**

Basics of Inclusive Education- learning styles (print, visual, auditory, tactile, kinesthetic), individualised education program (IEP), full inclusion, partial inclusion, mainstreaming

Difficulties faced by different learners- behavioural, communication, and social issues (e.g. autism spectrum disorder, attention-deficit-hyperactivity disorder, self-regulation, anxiety); physical and neurological impairments (e.g. blindness, deafness, cerebral palsy); learning and intellectual disorders (e.g. dyslexia, dysgraphia, dyscalculia, dyspraxia, down syndrome); social issues (e.g. obsessive compulsive disorder, borderline personality disorder).

Gifted Learners-identifying behaviour and traits



### **Content Development and Planning**

Universal Design for Learning (UDL) and Differentiated Instruction (DI)

Planning for Instruction: Learning Objective (Purpose of components of Learning Objective, check for current understanding), Lesson plan (Process of creating Lesson Plan, Double Planned Lesson Plan, Learning Goal and Learning Activity, Components of Lesson Plan, Guided Instruction), computer literacy and technology in instructional practices.

Student Assessment and Remediation: e.g. assessment as/of/for learning, authentic assessments, alternate assessments, formative and summative assessments

### **Child Learning and Development**

Therapy practices relevant to SEN- behavioural, cognitive-behavioural, humanistic  
Understanding of Child Learning, Pedagogy and Classroom Management – Learning Theories, Collaborative or Peer Based Learning, Metacognitive Skill, Direct (Explicit Instruction) and Indirect Teaching, Project Based Learning, Behaviorism and Cognitivism, Differentiation between pedagogical and classroom management, enquiry based learning, project based learning.

## **Professional Competencies and Communication**

### **Home and School Environments**

Parental and sibling involvement

Positive school environment

Language and comprehension: Sentence structure - Grammar, Redundancy in vocabulary, drawing meaning, Sequencing Instruction,

Expression, Clarity and Structure: Precise communication, Ambiguity

Sensitivity: Conveying sensitive information