



**Learning with
DrGenius Academy**

IIIrd GRADE SYLLABUS



EDUCATION
SHAPES
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FUTURE



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SYLLABUS

Geographical, Historical and Cultural Knowledge of Rajasthan, Rajasthani Language (100 Marks)

Geography

- Geographical Features of Rajasthan
- Monsoon System and Climate
- Drainage System- Lakes, Rivers, Dams
- Forest Wealth of Rajasthan
- Wildlife, Wildlife Conservation and Sanctuaries
- Soils and Soil Conservation
- Main Crops of Rajasthan
- Population, Population Density, Literacy and Sex Ratio
- Tribes of Rajasthan and Tribal Areas
- Metallic and Non-Metallic Minerals
- Energy Resources of Rajasthan: Traditional and Non-Traditional
- Tourist Places of Rajasthan
- Means of Transport in Rajasthan

History and Culture

- Ancient Civilizations of Rajasthan: Kalibanga, Ahar, Ganeshwar, Balathal and Bairath etc.
- Important Historical Events of Rajasthan, Major Dynasties, their Administrative and Revenue System etc.
- Architecture of Rajasthan: Forts, Monuments etc. Fairs, festivals, folk art, folk music, folk drama and folk dance of Rajasthan
- Cultural tradition and heritage of Rajasthan
- Religious movements of Rajasthan, prominent saints and folk deities
- Important historical sites of Rajasthan
- Important personalities of Rajasthan
- Clothes and jewellery of Rajasthan
- Paintings and handicrafts of Rajasthan
- Contribution of Rajasthan in the Revolution of 1857, tribal and peasant movements in Rajasthan
- Praja Mandal and integration of Rajasthan

Rajasthani language

- Regional dialects of Rajasthan
- Major Rajasthani works
- Major Rajasthani writers
- Rajasthani saint literature and folk literature

General knowledge of Rajasthan, educational scenario, Right to Free and Compulsory Education Act and current topics

General knowledge of Rajasthan (80 marks)

- Symbols of Rajasthan
- Flagship schemes of the state government in Rajasthan
- Major research centers of Rajasthan
- Major religious places of Rajasthan
- Major players of Rajasthan
- Famous cities and places of Rajasthan etc.
- Major industries of Rajasthan.

- Political and administrative system of Rajasthan
- Public welfare schemes in Rajasthan.

Educational scenario

- Innovations in teaching learning.
- Student welfare schemes and awards of Central and Rajasthan Government in the state.
- School management and related committees. • National Education Policy, 2020 in the context of Rajasthan.

Right to Free and Compulsory Child Education Act

- Right to Free and Compulsory Child Education Act, 2009: Provisions and Implementation
- Rajasthan Right to Free and Compulsory Child Education Rules, 2011
- Free admission in recognized private schools of Rajasthan.

CURRENT AFFAIRS

- Current events of Rajasthan.
- State's innovative development plans and implementation
- Other current affairs.

SCHOOL SUBJECT**Hindi: (10 marks)**

- Difference of words (noun, pronoun, adjective, verb, adverb), conjunction, compound, word transformation, word purification, idioms and proverbs.

English (10 Marks)

- Articles, Tense, Voice, Narration, Idioms & Proverbs, Phrasal Verbs, One Word Substitution.

Mathematics:- (10 marks)

- Whole numbers, prime and composite numbers
- Basic mathematical operations – addition, remainder, multiplication, division
- Concept of fraction and decimal numbers
- Prime factors, least common multiple and greatest common multiple.
- Percentage, profit-loss, simple interest, compound interest
- Line and angle
- Perimeter and area of plane figures
- Surface area and volume of solid shapes (cube, cuboid, cylinder, cone, sphere)

General Science: (10 marks)

- Acids, bases and salts
- Elements, compounds and mixtures
- Physical and chemical changes
- motion
- Laws of force and motion
- Light
- Cell: Structure and Function
- Respiration and transportation in living organisms
- Reproduction in animals

(ब) English (08 Marks)

- Principles of teaching English

- Communicative English Language teaching
- Methods of Teaching English
- Difficulties in learning English(Role of home language multilingualism)
- Methods of evaluation, Remedial Teaching

SOCIAL STUDIES:

- Rajasthan: An Introduction
- Mughal Empire
- Economy of Rajasthan
- Earth's major landforms
- India: Natural vegetation, wildlife and wildlife conservation
- Agriculture in Rajasthan
- Indian Constitution
- Contribution of Rajasthan in making the Constitution
- Public Administration in Rajasthan

EDUCATIONAL METHODOLOGY:**(A) Hindi (08 marks)**

- Teaching methods of Hindi language
- Development of linguistic skills (listening, speaking, reading and writing) and linguistic skills.
- Approaches to teaching Hindi language
- Challenges in teaching Hindi
- Hindi teaching learning aids and their use
- Evaluation methods of Hindi teaching
- Diagnostic and remedial teaching

(B) English (08 Marks)

- Principles of teaching English
- Communicative English Language teaching
- Methods of Teaching English
- Difficulties in learning English(Role of home language multilingualism)
- Methods of evaluation, Remedial Teaching

(C) MATHEMATICS (08 MARKS)

- Teaching methods of Mathematics subject
- Approaches to Mathematics teaching
- Challenges in Mathematics teaching
- Mathematics teaching aids and their use
- Evaluation methods of Mathematics teaching
- Diagnostic and remedial teaching

(D) GENERAL SCIENCE (08 MARKS)

- Methods of teaching science
- Approaches to science teaching
- Science teaching aids and their use
- Evaluation methods of science teaching

- Diagnostic and remedial teaching

(E) SOCIAL STUDIES:- (08 MARKS)

- Concept and nature of social studies
- Teaching learning aids in social studies
- Teaching problems in social studies
- Project work
- Evaluation in social studies
- Diagnostic and remedial teaching

Educational Psychology (20 marks)

- Educational Psychology: Meaning, scope and functions
- Child development: Meaning, principles of child development and factors affecting development
- Influence of heredity and environment on child development
- Personality: Concept, types, factors affecting personality and personality measurement
- Intelligence: Concept, different intelligence theories and measurement
- Meaning of learning and factors affecting learning
- Various theories of learning
- Various processes of learning
- Various types of learners: backward, retarded, gifted, creative, special needs students etc.
- Difficulties in learning
- Motivation and its effect on learning
- Concept of adjustment, methods and role of teacher in adjustment

Information Technology (10 Marks)

- Foundations of Information Technology
- Information Technology Tools
- Applications of Information Technology
- Social Impacts of Information Technology