



**Learning with
DrGenius Academy**

IIIrd GRADE SYLLABUS



EDUCATION
SHAPES
YOUR
FUTURE



www.drgenius.academy

Contact Us :- +91 9636280355

SYLLABUS

Geographical, historical and cultural knowledge of Rajasthan, Rajasthani language

GEOGRAPHY

- Geographical features of Rajasthan
- Monsoon system and climate
- Drainage system - lakes, rivers, dams, anicuts, water conservation methods and techniques
- Forest wealth of Rajasthan
- Wild life, wildlife conservation and sanctuaries
- Soils and soil conservation
- Major 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, stepwells and havelis etc.
- Fairs, festivals, folk art, folk music, folk drama and folk dances of Rajasthan
- Cultural tradition and heritage of Rajasthan
- Religious movements of Rajasthan, major saints and folk deities
- Important historical sites of Rajasthan
- Major personalities of Rajasthan
- Clothes and jewellery of Rajasthan
- Paintings and handicrafts of Rajasthan
- Contribution of Rajasthan in the Revolution of 1857, tribal and farmer movements in Rajasthan
- Prajamandal and unification 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 Child Education Act and current topics

GENERAL KNOWLEDGE OF RAJASTHAN

- Symbols of Rajasthan
- Flagship schemes of 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 perspective of Rajasthan.



DrGenius Acadmey

An Online Platform for Aspirants

3RD GRADE | Syllabus

Website :- www.drgenius.academy | Contact +91 9636280355, 9358816794 | Email:- helpdesk@drgenius.academy

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 ISSUES

- Current events of Rajasthan.
- Innovative development plans and implementation of the state
- Other current issues.



संबंधित विद्यालय विषय का ज्ञान

हिन्दी

- हिन्दी वर्णमाला ज्ञान
- शब्द विचार (संज्ञा, सर्वनाम, विशेषण, क्रिया और अव्यय)
- विकारी शब्द - लिंग, वचन, काल, कारक, वाच्य एवं विकारी शब्दों का रूपांतरण
- शब्द प्रकार
 - (i) उत्पत्ति के आधार पर
 - (ii) रचना के आधार पर
 - (iii) अर्थ के आधार पर (एकार्थी, अनेकार्थी, विलोम, पर्यायवाची, वाक्यांश के लिए एक शब्द, युग्म-शब्द इत्यादि)
- संधि, समास, उपसर्ग एवं प्रत्यय के प्रकार एवं उदाहरण
- शब्द शुद्धि एवं वाक्य शुद्धि के प्रकार एवं उदाहरण
- वाक्य विचार - वाक्य के अंग, प्रकार, रूपांतरण इत्यादि
- विराम चिह्न - प्रकार एवं प्रयोग
- मुहावरें एवं लोकोक्तियाँ
- शब्द शक्ति
- अपठित गद्यांश के भाव एवं व्याकरण से संबंधित प्रश्न
- अपठित पद्यांश के भाव एवं व्याकरण से संबंधित प्रश्न
- पारिभाषिक शब्दावली

English

- Parts of speech
- Tenses
- Voice
- Narration
- Transformation
- Conditional Sentences
- Idioms and proverbs
- Phrasal verbs
- One word substitution
- Clauses Analysis
- Subject verb Agreement
- Synonyms and Antonyms
- An acquaintance with literary terms
- Modal Auxiliaries
- Prepositions
- Unseen passage-Prose
- Unseen passage-Poetry
- Basic knowledge of English sounds and their Phonetic symbols

संस्कृत

- संज्ञाप्रकरणतः सामान्यप्रश्नाः- इत् संज्ञा, संहिता, सवर्णम्, उदात्तः, अनुदात्तः, स्वरितः, उच्चारणस्थानानि ।
- प्रत्ययप्रकरणम् - कृन्त प्रकरणम्, तद्धित प्रकरणम्, स्त्री प्रकरणम् ।
- संधिः ।
- समासाः ।
- निम्नलिखितानां शब्दरूपाणां ज्ञानम्- राम, हरि, गुरु, मति, रमा, वारि, अस्मद्, युष्मद् ।
- निम्नलिखितानां धातुरूपाणां ज्ञानम् - भू, एध् (लट् लकार, लृट् लकार, लङ् लकार, लोट् लकार, विधिलिङ् लकार) ।
- अव्ययानां प्रयोगः ।

- उपसर्गः ।
- कारकप्रकरणम् ।
- हिन्दीवाक्यानां संस्कृतानुवादः ।
- कारक-प्रत्यय-समास-अधारितवाक्यानाम् अशुद्धिसंशोधनम्
- संस्कृतसाहित्येतिहास-सम्बन्धि-सामान्यपरिचयात्मक-प्रश्नाः-
 - ❖ लौकिकसाहित्यम् - रामायणम्, महाभारतम् ।
 - ❖ महाकाव्यकवयः - कालिदासः, भारविः, माघः, श्रीहर्षः ।
 - ❖ दृश्यकाव्यकवयः - भासः, भवभूतिः, शूद्रकः ।

सिन्धी

- नसुर:- राजस्थान जे कला, साहित्य, संस्कृति, इतिहास जे बारे में दर्सी किताबनि खे छडे, नसुर जो हिक टुकिरो (पैराग्राफ) (गद्यांश) डिनो वेन्दो जहि मां हिन तरह जा सुवाल पुछिया वेन्दा ।
- गाल्हाइण जा लफ़्ज़, इस्तलाहनि या पहाकनि जी माना, उनवान, अख्लाकी सिख्या, डुखियनि अखरनि जी माना, अदद, ज़िद, इस्मु वगैरह सां वास्तो रखन्दड़ सुवाल ।
- नज्मु:- बैत या कविता (पद्यांश) में हिन तरह जा सवाल पूछिया वेन्दा उनवान, शाइरीअ जी जाणु, शाइरीअ जे उसूलनि, छंद, अलंकारनि जी जाण, कविअ जो नालो, डुखियनि अखरनि जी माना ।
- अखरनि जे उच्चारण जी जाणु ऐं उज़्वा ।
- सिन्धी भाषा आइवेटा (वर्णमाला) जे 52 अखरनि जी विस्तृत जाणु ।
- सिन्धी भाषा, लिपियूं ऐं साहित्य जो समूरो ज्ञान ।
- सिन्धी लोक कलाऊंनि जी विस्तृत जाणु ।
- सिन्धी डिणवार ऐं रीतियूं रस्मूंनि जी सजी जानकारी ।
- ख़त दरख़्वास्त, मज़मून लिखणु जा तरीका ।
- व्याकरणु सां लागापो रखन्दड़ हर्फ़ निदा, जुमिलो, ज़र्फ़ ऐं उन जा किस्म, सागीअ माना वारा लफ़्ज़, बीहक जूं निषानियूं, चौपाई, डोहिडा, सोरठा ।
- सिन्धी तालीम ऐं अदब जे वाघारे लाइ हिननि लेखकनि जो योगदान:- प्रो० राम पंजवाणी, सुन्दरी उत्तमचन्दाणी, हून्दराज “दुखायल”, किषनचन्द ‘बेवसि’, ईश्वर चन्दर, पोपटी हीरानन्दाणी ।
- सिन्धी साहित्य जी त्रिमूर्ति शाह, सचल, सामी, शाइरनि जो साहित्य में योगदान ।

MATHEMATICS AND SCIENCE MATHEMATICS

- Rational and irrational numbers, real numbers and decimal expansion, exponentiation rules for real numbers.
- Square and square root, cube and cube root
- Polynomials – Zeroes of polynomials, remainder theorem, factorization of polynomials, algebraic identities, geometric meaning of zeroes of polynomials, division algorithm, quadratic equations.
- Linear equations in two variables
- Percentage, profit-loss, simple interest, compound interest, ratio-proportion, growth and decline rates.
- Lines and angles
- Planar figures – similarity of triangles, congruence of triangles, quadrilateral, circle, polygon
- Area and perimeter of plane figures (triangle, rectangle, square, parallelogram, trapezium, circle)
- Surface area and volume of solid shapes (cube, cuboid, cylinder, Cone, sphere), conversion of a solid from one shape to another
- Statistics - Frequency distribution table, tally marks, bar graph, histogram, pie graph, measures of central tendency - mean, median, mode
- Probability - practical and theoretical approaches

SCIENCE

- Atoms and molecules, mole concept, chemical formula, structure of atom
- Elements, compounds and mixtures, physical and chemical changes
- Chemical reactions and equations, oxidation and reduction
- Acids, bases and salts, nanoscale
- Carbon and its compounds
- Cells - structure and functions
- Tissues - plant tissue, animal tissue, simple and complex tissue
- Life processes - nutrition, respiration, transportation, excretion
- Control and coordination
- Reproduction in organisms, role of hormones in reproduction
- Diseases spread by micro-organisms, infectious diseases
- Biochemical cycling
- Major components of food and diseases caused by their deficiency, balanced diet
- Force and motion, laws of motion
- Electric current and circuits, Ohm's law, combination of resistors, thermal, chemical and physiological effects of electric current magnetic effect
- Gravitation, Kepler's laws, buoyancy, Archimedes' principle
- Temperature and heat, thermometer, heat transmission

- Reflection of light, Galactic mirror, Refraction of light, Galactic lens, human eye, visual defect
- sound
- Solar system – Moon, stars, Solar system – Sun, planets, comets, constellations.

SOCIAL STUDIES

- Civilization and culture of ancient India:- Indus Valley Civilization, Vedic Culture, Buddhism and Jainism and Mahajanapada period.
- Maurya Empire:- Political and administrative systems of the Maurya Empire. Dhamma and inscriptions of Emperor Ashoka.
- Delhi Sultanate and Mughal Empire:- Expansion of Delhi Sultanate, relations with the Mughal Empire and Rajput states, administrative systems of the Sultanate and Mughal period. Prithviraj Chauhan.
- Indian National Movement.
- Earth:- Motions, latitude and longitude.
- Atmosphere:- Composition, structure, winds, atmospheric circulation.
- Ocean:- Tides, currents, distribution of land and water.
- Major flora and fauna of the world.
- Agro based industries of Rajasthan.
- World- Types of agriculture, major industrial regions.
- Indian Constitution:- Process and features of constitution making, Preamble, Fundamental Rights, Directive Principles and Fundamental Duties.
- Formation and functions of government:- Legislature, Executive and Judiciary.
- Local Government:- Rural and urban, 73rd and 74th Constitution Amendment Bill.
- Indian democratic process and women's representation in it.
- India's federal system, centre-state relations
- Indian Economy:-
 - (i) Sectors of the economy
 - (ii) Indian economy during the colonial period
 - (iii) Liberalization, privatization, globalization
 - (iv) World Trade Organization
 - (v) Poverty and food security
- Currency and Banking:-

- (i) Modern forms of currency
- (ii) Various conditions of credit
- (iii) Self-help groups
- Consumer Rights:- Consumer and his rights
- Development of Indian economy:-
 - (i) National development
 - (ii) National Income
 - (iii) Human development
- Agriculture and marketing in Rajasthan: –
 - (i) Agricultural produce market
 - (ii) Public Distribution System

शैक्षणिक रीति विज्ञान**(अ) हिन्दी**

- हिन्दी भाषा की शिक्षण विधियाँ
- भाषायी कौशल (सुनना, बोलना, पढ़ना एवं लिखना) एवं भाषायी कौशलों का विकास
- हिन्दी भाषा शिक्षण के उपागम
- हिन्दी शिक्षण में चुनौतियाँ
- हिन्दी शिक्षण अधिगम सहायक सामग्री एवं उनका उपयोग
- हिन्दी शिक्षण की मूल्यांकन विधियाँ
- निदानात्मक एवं उपचारात्मक शिक्षण

(ब) English

- 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

(स) संस्कृत

- संस्कृत भाषा - शिक्षण विधयः
- संस्कृतभाषा - शिक्षण सिद्धान्ताः
- संस्कृत शिक्षणाभिरुचिप्रश्नाः
- संस्कृत भाषा कौशलस्य विकासः (श्रवणम् सम्भाषणम्, पठनम्, लेखनम्)
- संस्कृतशिक्षणे - अधिगमसाधनानि, संस्कृतशिक्षणे संप्रेषणस्यसाधनानि, संस्कृतपाठ्यपुस्तकानि।
- संस्कृतभाषाशिक्षणस्य मूल्यांकन-सम्बन्धितः प्रश्ना मौखिक लिखितप्रश्नानां प्रकाराः सततमूल्यांकनम् उपचारात्मक- शिक्षणम् ।

(द) सिंधी

- दर्सी किताबनि में भाषा जो ज्ञान, बोलीअ जी जाण, शागिर्दनि खे कहिड़नि तरीकनि सां डियणु घुरिजे।
- शागिर्दनि खे सिन्धी भाषा सेखारण ऐं पढाइण जा कारगर तरीका।
- सिंधी भाषा गाल्हाइण, बुधण, पढण लिखण सिखण ऐं सेखारण जा तरीका।
- सिंधी भाषा पढाइण में कमु अचण जोगियूं शिक्षण विधियूनि जी जानकारी।
- सिंधी भाषा ऐं बोलीअ खे सेखारण ऐं पढाइण लाइ तकनीकी योगदान।

(I) Mathematics

- Teaching methods of Mathematics
- Approaches to Mathematics Teaching
- Challenges in Mathematics Teaching
- Mathematics Teaching Aids and their Uses
- Evaluation Methods of Mathematics Teaching
- Diagnostic and Remedial Teaching

(v) General Science

- Teaching Methods of Science
- Approaches to Science Teaching
- Science Teaching Aids and their Uses
- Evaluation Methods of Science Teaching
- Diagnostic and Remedial Teaching

(vi) Social Studies

- Teaching Methods of Social Studies.
- Approaches to Social Studies Teaching
- Challenges in Social Studies Teaching.
- Learning aids and their use in teaching social studies
- Evaluation methods of teaching social studies
- Diagnostic and remedial teaching

Educational Psychology

- Educational Psychology: Meaning, Scope and Functions
- Child Development: Meaning, Principles of Child Development and Factors Affecting Development
- Effect 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
- Different theories of learning
- Different processes of learning
- Different types of learners: backward, retarded, gifted, creative, students with special needs etc.
- Difficulties faced in learning
- Motivation and its effect on learning
- Concept of adjustment, methods and role of teacher in adjustment



DrGenius Acadmey

An Online Platform for Aspirants

3RD GRADE | Syllabus

Website :- www.drgenius.academy | Contact +91 9636280355, 9358816794 | Email:- helpdesk@drgenius.academy

Information Technology

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

