

# RAYASTRA'S SCHOLAR PROGRAM

Subjects: English, Hindi, Maths, Science, Social Science, GK, Creative Thinking

English: literary analysis, advanced grammar, structured essays & story writing

Science: cell structure, force & pressure, combustion, metals & non-metals, reproduction

Maths: exponents, linear equations, factorization, mensuration, data handling

Social Science: Indian freedom movement, constitution, economic systems, resources

Cross-topic research projects, academic writing, and thematic group discussions

Art integration and reflective journaling to enhance memory and expression

AND MANY MORE THINGS TOO!

**Rayasta Advantage:**

Structured Rayasta's kit with all expert learning amenities at your home

Personalized teacher-parent meetings and feedback sessions

Builds academic rigor with real-world application

Prepares students for high school learning patterns and assessments

Emphasizes self-learning, analytical ability, and structured revision

# R'S CODEVOYAGERS PROGRAM

Python programming: variables, loops, conditionals, lists, functions

Mini projects: calculator app, quiz bot, basic AI chatbot using logic flow

HTML, CSS, and intro to JavaScript: create multi-page websites

Data basics: structured data, tables, intro to databases and queries

AI & ML: sentiment analysis, facial recognition concepts, and how models learn

Cyber safety, digital wellness, and ethical tech use

Capstone project: Build your own AI-based or web-based portfolio

AND MANY MORE THINGS TOO!

**Rayastrा Advantage:**

Structured Rayastrा's kit with all expert learning amenities at your home

Personalized teacher-parent meetings and feedback sessions

Industry-aligned exposure to Python, AI, ML, Web Dev, and Data

Develops problem-solving, creativity, and digital literacy for future readiness

Combines offline kits, coding workbooks, and video-based code walkthroughs

# R'S COMMUNICATORS PROGRAM

Grammar mastery: conditionals, transformation of sentences, advanced clauses

Writing: persuasive essays, formal/informal letters, reports, speeches, articles

Reading comprehension: author intent, inference, critical questions

Vocabulary boosters: Latin roots, figurative language, idioms & phrases

Public speaking: structured debates, interviews, panel discussions

Listening and interpretation: audio cues, podcast analysis, note-taking

AND MANY MORE THINGS TOO!

## Rayastrा Advantage:

Structured Rayastrा's kit with all expert learning amenities at your home

Personalized teacher-parent meetings and feedback sessions

Prepares students for academic writing, public speaking, and English Olympiads

Builds persuasive, descriptive, and analytical language skills

Regular feedback with personalized growth tips and exercises

# R'S MATH MAGICIAN PROGRAM

Number systems, square roots, cube roots, rational numbers

Algebra: identities, linear equations, factorization, expressions

Geometry: quadrilaterals, practical geometry, theorems, constructions

Mensuration: surface area & volume of solids

Data handling: graphs, probability, mean/median/mode

Real-life math modules: budgeting, speed & distance, compound interest

Logical reasoning worksheets and practice with HOTS questions

AND MANY MORE THINGS TOO!

**Rayastrा Advantage:**

Structured Rayastrा's kit with all expert learning amenities at your home

Personalized teacher-parent meetings and feedback sessions

Designed to build accuracy, reasoning, and examination skills

Includes Olympiad-level challenges and board-ready concept drills

Interactive math manipulatives, project kits, and formula banks

**CLASS 8**