

CLASS XI Streams Offered for the Academic Year 2026–2027

COURSES OFFERED

SCIENCE STREAM

SCIENCE WITH MATHS

Compulsory – English Core

Elective – Physics, Chemistry, Mathematics (041)

Optional Subject– (opt any 1 subject)

Physical Education/Computer Science/Psychology/Entrepreneurship/Legal Studies/Home Science/Economics

SCIENCE WITH BIOLOGY

Compulsory – English Core

Elective – Physics, Chemistry, Biology

Optional Subject – (opt any 1 subject)

Physical Education/Computer Science/Psychology/Entrepreneurship/Legal Studies/Home Science/Mathematics (041)

*** NOTE**

If a student opts for Mathematics (041) as an optional subject, the subject combination is treated as PCMB.

COMMERCE STREAM

PREFERENCE I - COMMERCE WITH MATH

Compulsory – English Core

Elective – Business Studies, Accountancy, Economics

Optional Subject– (opt any 1 subject)

Mathematics (041) / Applied Mathematics (241)

PREFERENCE II - COMMERCE WITHOUT MATHEMATICS

Compulsory – English Core

Elective – Business Studies, Accountancy, Economics

Optional Subject– (opt any 1 subject)

Physical Education, Entrepreneurship, Legal Studies, Home Science, Psychology

HUMANITIES STREAM

Compulsory – English Core

Elective – Sociology, Political Science, Economics

Optional Subject– (opt any 1 subject)

Physical Education, Entrepreneurship, Legal Studies, Home Science, Psychology, Mathematics (041), Applied Mathematics (241)

PLEASE NOTE THAT NO STREAM/OPTIONAL SUBJECT CAN BE CHANGED ONCE ENROLLED.

Frequently Asked Questions (FAQs)

1. How are subjects structured under Group L (Languages) and Group A (Academic Electives) for CBSE Class XI & XII, and how are subject combinations offered?

Under the CBSE Senior Secondary Scheme of Studies for Classes XI and XII, subjects are systematically organized into Group L (Languages) and Group A (Academic Electives) to ensure both linguistic proficiency and academic specialization. At AMS P. Obul Reddy Public School, subjects are offered in accordance with CBSE norms. Under Group L (Languages), English is a compulsory subject and must be opted for by every student. Group A comprises core academic disciplines offered across the Science, Commerce, and Humanities streams, including Physics, Chemistry, Mathematics (041), Applied Mathematics (241), Biology, Accountancy, Business Studies, Economics, Political Science, Sociology, Psychology, Entrepreneurship, Legal Studies, Computer Science, Physical Education, and Home Science.

As per CBSE guidelines, students are required to choose a combination of five main subjects, which generally includes one compulsory language from Group L (English) and four academic subjects from Group A or the Science group, based on the stream selected—Science, Commerce, or Humanities. This structured subject framework enables students to pursue academic pathways aligned with their interests, abilities, and future aspirations while ensuring compliance with CBSE curriculum requirements.

https://cbseacademic.nic.in/curriculum_2026.html

2. How do Optional subjects support core subjects?

- Optional subjects are not “extra” or “minor” subjects; they are an integral part of the curriculum.
- Optional subjects carry the same maximum marks (generally 100) as core subjects.
- They follow the same assessment pattern including theory, practical’s, and internal assessment where applicable.
- Optional subjects have board examinations conducted by CBSE, just like main subjects.
- Marks scored are officially recorded on the Class XII marks statement.
- Students must pass the optional subjects to be declared successful in the board examination.
- Optional subject marks are included in the calculation of overall percentage and aggregates.
- Universities and colleges treat optional subjects as equal for admissions, cut-offs, and merit lists.
- Optional subjects often determine eligibility for specific courses and careers. Internal assessments in optional subjects are monitored and evaluated as seriously as other subjects.

3. Why is the selection of an optional subject, considered a strategic academic decision?

- The selection of an optional subject is considered a strategic academic decision because it directly influences a student's future learning pathway, skill development, and career direction.
- It allows students to align their education with their interests, strengths, and long-term goals, making learning more meaningful and effective.
- The right optional subject can enhance critical skills such as analytical thinking, communication, creativity, or physical fitness, while also strengthening college applications and eligibility for specific professional courses.
- It provides flexibility, encourages self-discovery, and helps students make informed choices that support both academic success and career readiness.

4. What is the difference between Mathematics (041) and Applied Mathematics (241)?

Mathematics (041) prepares students for higher studies in Mathematics as well as professional courses such as Engineering, Sciences, Commerce, and Computer Applications. Students' develop clear and critical understanding of mathematical concepts, processes, and skills; strengthen logical reasoning and problem-solving abilities; and enable application of knowledge to real-life situations using multiple methods.

Applied Mathematics (241) is designed for students pursuing Commerce and Social Sciences, recognizing that the traditional science-oriented syllabus may not meet their needs. It develops essential mathematical and statistical skills relevant to business, economics, and social sciences by emphasizing real-world applications, data analysis, logical reasoning, and problem-solving.

*(https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/Maths_SrSec_2025-26.pdf
https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Applied_Mathematics_SrSec_2024-25.pdf)

5. How does Additional Optional Subject help students in their academic and personal development?

- a. **Home Science** is an applied subject that integrates science, nutrition, health, psychology, family studies, textiles, and resource management. It helps students develop life skills, understand human development, manage resources, and explore careers such as nutrition, fashion design, interior design, child development, and hospitality.
- b. **Legal Studies** introduces students to the Indian legal system, rights and duties, principles of law, legal institutions, and case studies. It builds critical thinking, reasoning, and ethical understanding. This subject is beneficial for careers in law, civil services, public policy, corporate governance, journalism, and social sciences.
- c. **Physical Education** focuses on fitness, sports science, health management, yoga, training methods, and sports psychology. It promotes discipline, teamwork, physical well-being, and emotional balance. It is useful for careers in sports, physiotherapy, fitness training, coaching, physical therapy, health sciences, and defence services.
- d. **Economics** studies how individuals, companies, and nations make decisions related to resources, markets, finance, and development. Students learn concepts like demand-supply, production, national income, budgeting, global trade, and government policies. It is essential for careers in business, finance, management, banking, data analysis, public administration, and civil services.
- e. **Psychology** helps students understand human behaviour, improve communication, and develop empathy and analytical thinking. It supports careers in counselling, healthcare, HR, education, law, social work, and research, and complements core subjects across all streams.
- f. **Entrepreneurship** introduces students to business planning, innovation, financial literacy, and problem-solving. It helps learners develop creativity, leadership, decision-making, and an understanding of how businesses are built and managed. This subject is ideal for students interested in business, management, start-ups, marketing, or commerce-related careers.

6. Which extra-curricular activities does the school provide to support student development?

At AMS P. Obul Reddy Public School, education goes beyond academics, offering diverse curricular and co-curricular experiences that nurture creativity, leadership, physical well-being, social responsibility, and the holistic development of every learner.

ART

Students are provided opportunities to express their creativity through, visual art displays- like paintings, caricature and doodles, photographs and documentary presentation. These platforms foster imagination, self-expression, confidence, and artistic discipline among students.

LITERARY

A wide range of drama, debates, quizzes, elocution, creative writing, and public-speaking events sharpen students' critical thinking, articulation, research abilities, and language proficiency. These forums nurture academic excellence and cultivate intellectual curiosity and clarity of thought

SPORTS

The school actively promotes physical fitness and sporting excellence through Inter-House, Inter-School, CBSE VII South Zone Cluster-Level (Telangana & AP), Hyderabad District School Games Federation and various Zonal sports competitions. These events enhance teamwork, discipline, resilience, and sportsmanship. Structured after-school coaching programmes support skill development and competitive participation at higher levels.

CULTURAL

Dance and music form an integral part of the cultural education at AMS P. Obul Reddy Public School. Creativity and cultural awareness are celebrated through Annual Day performances, thematic assemblies, festive celebrations, music and dance showcases, and stage-based activities. These platforms foster confidence, emotional expression, cultural appreciation, and a strong sense of identity among students, while nurturing respect for tradition alongside contemporary artistic expression.

EXTERNAL EVENTS & EXPOSURE

Students gain valuable academic and real-world exposure through various events like TEDX, the Six Sigma (Entro) Fest, Career Fairs, Expert-Led Career Counselling sessions, and meaningful Community Service Initiatives such as serving breakfast at Alfa School and observing Gratitude Day. Learning is further enriched through field trips, educational tours, guest lectures, and workshops, enabling students to connect classroom learning with real-life contexts and global perspectives.

7. Does the school offer programmes in collaboration with professional institutes?

The school has entered into Memorandums of Understanding (MoUs) with leading and reputed professional institutions to provide specialised career guidance and competitive exam coaching to students.

- In collaboration with TIME (Triumphant Institute of Management Education) for IIT and EAMCET preparation,
- Career Launchesr for Common Law Admission Test (CLAT) coaching, and IMS Learning Resource Pvt. Ltd for Indian Institute of Management (IIM) and various management entrance examinations, students receive structured training from nationally recognised experts.
- For aspiring designers, the school has partnered with BRDS (Bhanwar Rathore Design Studios), a renowned institute for design entrance exam preparation.
- Additionally, for international college aspirants, the school has an MoU with Manya–The Princeton Review, a globally trusted name for SAT coaching and overseas education services.

These collaborations are chosen for their strong credibility, proven results, and national and international rankings, reflect the school's commitment to providing students with high-quality academic support and career readiness.