



Physical and Applied Sciences

For ambitious engineers and scientific problem-solvers.

GLOBAL STRATEGIC PATHWAYS

This pathway is designed for students targeting Engineering, Physics, Chemistry and Materials Science at the world's top institutions. Students typically pursue Mathematics, Further Mathematics, Physics and Chemistry, supported by expert mentoring and admissions preparation.

The Global Strategic Pathways Advantage

Every pathway at OIC is part of a wider Global Strategic Pathways framework aligning academic choices, enrichment, and university preparation from the outset. This ensures students build a clear, competitive portfolio while developing the broader skills top universities value.

Portfolio-building is strategic and rigorous:

- Mathematics Olympiad preparation
- Robotics & Electronics
- Physics and Chemistry competitions
- Applied research opportunities through OIC Fusion
- Students graduate with more than grades, they present credible evidence of high-level problem-solving and innovation.

The Outcome

Strong offers across Engineering and Applied Sciences, including top universities such as Cambridge, Imperial and other top-ranked institutions within the QS Top 10 and Top 50.

