

Secondary Curriculum – Newton International Academy Barwa

Years 7 to 13 (Key Stages 3 to 5)

At Newton International Academy Barwa, our curriculum is built on the **National Curriculum for England**, thoughtfully adapted to reflect the unique context of Qatar and the needs of our diverse, international student body. With students from over 60 nationalities, our aim is to deliver a rigorous, inclusive, and future-focused education that prepares learners not only for academic success, but also for life beyond school as **confident, compassionate global citizens**.

◆ Key Stage 3 (Years 7–9)

Our Key Stage 3 curriculum lays the foundation for academic achievement, critical thinking, and holistic development. Students are taught by subject specialists and follow a broad and balanced programme based on the British curriculum and values, with contextual adaptations to incorporate **Qatari values, heritage, and identity**.

Subjects offered in KS3:

- English (First and Second Language pathways)
- Mathematics
- Science (Biology, Chemistry, Physics integrated)
- Arabic (First and Second Language)
- Islamic Studies (for Muslim students) or Citizenship (for non-Muslims)
- History
- Qatar History
- Geography
- ICT
- Islamic/Citizenship
- French (or EAL support offered as needed)
- Art and Design
- Design and Technology

- Physical Education
- PSHE (Personal, Social, Health & Economic Education)

❖ **PSHE and Global Citizenship** are integral to our curriculum, fostering character, resilience, empathy, and responsibility. Citizenship at KS3 also acts as a stepping stone towards IGCSE Global Citizenship.

We also embed **Philosophy for Children (P4C)** and encourage **cross-curricular thinking**, group collaboration, and independent learning, developing the intellectual and emotional maturity needed for Key Stage 4 and beyond.

◆ Key Stage 4 (Years 10–11)

In Years 10 and 11, students prepare for their **IGCSE qualifications**, with subject options tailored to a wide range of interests, academic abilities, and career pathways. Core subjects include English, Mathematics, and Arabic for Arabic speakers, with most students selecting an additional 6–7 options. Students can select linear or modular exams where available.

Core Subjects:

- English First Language and Literature (English Second Language option for EAL students)
- Mathematics and Statistics
- Arabic (compulsory for Arab students)
- PSHE, Physical Education (non-examined), Islamic/Global Citizenship

IGCSE Options Include:

- Biology, Chemistry, Physics (as separate sciences)
- Business Studies
- Economics
- Enterprise
- Environmental Management

- Travel and Tourism
- Geography
- History
- Human Biology
- ICT
- Computer Science
- French
- Art and Design
- Global Perspectives
- PE (GCSE)
- Statistics

We encourage **modular pathways** for flexible progression, while offering **fast-track options** for high-achieving students to sit exams early (early entries take place either at the end of year 10 or in October/November in year 11).

The inclusion of subjects like **Enterprise, Travel and Tourism**, and **Global Perspectives** reflects our commitment to preparing students for real-world challenges and global opportunities.

◆ Key Stage 5 – Sixth Form (Years 12–13)

Our Sixth Form provides a robust academic programme designed to prepare students for university and career success. We offer a combination of **International AS and A Levels (IAS/IAL)** from **Pearson Edexcel and Cambridge International (CIE)**, allowing students to specialise in their areas of strength. Students may graduate at the end of year 12 or year 13 depending on the requirements of their selected universities.

Students typically take:

- **Four IAS subjects** in Year 12
- **Two to three IAL subjects** in Year 13

(The minimum requirement to complete KS5 is a pass of two subjects at IAS level)

Subjects Offered in KS5:

- Arabic
- Biology
- Chemistry
- Physics
- Mathematics (Pure Maths, Mechanics, Statistics)
- Psychology
- English Language
- Economics
- Business Studies
- History
- Geography
- French
- Computer Science
- ICT
- Environmental Management
- Global Perspectives
- Thinking Skills
- Art
- Travel and Tourism
- Extended Project Qualification (IPQ – CIE)

In addition to academic excellence, students benefit from a rich array of **leadership roles**, including Head Boy/Girl and Prefects, and are encouraged to engage in **extracurricular and community service opportunities**.

◆ Holistic Education & Values-Based Learning

Our curriculum is not only designed to foster academic achievement but also personal growth. We strongly embed:

- **British Values:** Democracy, rule of law, mutual respect, tolerance, and individual liberty
- **Qatar National Identity Programme:** Celebrating Qatari heritage and Islamic values
- **Global Citizenship:** Encouraging empathy, responsibility, and intercultural understanding
- **AI & Future Readiness:** Ensuring students gain digital fluency, problem-solving, and innovation skills for the 21st century