



Newton International Academy - Smash

أكاديمية نيوتن العالمية

"An international community of learners striving for excellence and celebrating success"

<http://newtonschoools.sch.qa>



The Primary Curriculum

In the Primary School from Year 1 – Year 6 for Key Stages 1 and 2, we follow the English National Curriculum. The curriculum is broad and balanced and aims to meet the needs of all our students.

Whatever ability, culture or nationality our teaching and learning provision promotes a love of learning and a willingness to explore. Through the curriculum we equip our students with the skills, knowledge and understanding necessary to be able to make informed choices about the important things in their lives.

The table below lists those subjects that form a statutory or compulsory part of the English National Curriculum and are offered for our students at Newton International Academy SMASH

Subjects offered at NIA Smash	Brief description of the subject	KS1 (age 5 yrs - 7yrs)	KS2 (age 7 yrs - 11yrs)
English	In English, we follow Talk 4 Writing, developed by Pie Corbett. This powerful teaching approach is based on the principles of how people learn. The Talk for Writing approach enables students to read and write independently for a variety of audiences and purposes within different subjects. A key feature is that students internalize the language structures needed to write through 'talking the text', as well as close reading. The approach moves from dependence towards independence, with the teacher using shared and guided teaching to develop the ability in students to write creatively.	*	*

Mathematics	In Mathematics, we follow White Rose curriculum. Inspired by the work of global math's experts, White Rose Math is a transformational and positive approach to math's teaching in Key Stage 1 and Key Stage 2 that focuses on reinforcing number competency, whilst providing opportunities to build reasoning and problem solving into each lesson, and encourages each student to build confidence and resilience to achieve in Mathematics. Its inclusive approach is based on the use of concrete objects, pictorial representations and abstract methods to help pupils develop a secure, long-lasting and adaptable understanding of mathematics.	*	*
Science	In Science, we offer a balance between obtaining knowledge, developing scientific skills and the application of both of these strands through investigation. Within the curriculum, certain topics and areas are repeated across year groups, meaning that children may revisit a particular topic in each year of primary school but with increasing difficulty and with a different focus each time. Children are expected to master certain skills in each year group and there is a very clear progression of these set out for each school to refer to.	*	*
Physical Education	In P.E children acquire and develop skills in dance, games, gymnastics and swimming. All children are required to take part in PE lessons as part of our encouragement of them to live a healthy lifestyle.	*	*
Geography	The teaching of Geography stimulates an interest in and a sense of wonder about places. It helps young people make sense of a complex and changing world. Geographical issues are examined in the local, regional and global scales, and students have opportunities to investigate a variety of themes.	*	*

History	The development of society is studied via the role of explorers, writers, composers, artists, soldiers and politicians, amongst others. Topics take a thematic approach, helping students to see links between topics, spot changes, and note continuity over time. Students are taught the importance and relevance of the more significant periods.	*	*
Music	In Music class our children have the opportunity to explore the dynamics of music. Not only do students learn to sing new songs, but they also have the opportunity to learn to play instruments, and play these in time to different rhythms.	*	*

Design & Technology	D&T will also help them to develop an understanding of technological processes, products, and their manufacture, and their contribution to our society. Design & Technology include topics such as Puppets, Moving Vehicles and creation	*	*
Modern Foreign Languages (French)	All children from Year 3 through to Year 6 will take part in one All children from Year 3 until year 6 will participate in one French lesson a week. During this lesson children will learn the basics of the French language, ranging from numbers and the alphabet to being able to introduce yourself in French.		*
Citizenship	The children take the time to study citizenship and world issues and students get the opportunity to take an interest in topical issues and to discuss/debate these interesting matters.	*	*
P4C	Philosophy for Children (P4C) is the ideal tool to stimulate thinking skills. P4C improves children's critical, creative and rigorous thinking. It helps to develop higher order thinking skills, improve communication skills and helps children learn to co-operate with others.	*	*

In addition to the requirements of the English National Curriculum, students of both Key Stage 1 and Key Stage 2 are taught Arabic, Qatar History and Islamic Studies. Arabic is offered as a first and second language option for all students in the Primary School. The Arabic curriculum consists of 3 levels.

Each level aims to help students to acquire good speaking, listening and reading skills. This series helps beginners build gradual interest in developing practical linguistic skills in listening, speaking, reading and writing. Qatar History is taught in Arabic for native Arabic speakers and is taught in English for non-native Arabic speakers in line with the requirements set out by Ministry of Education and Higher Education of Qatar. Within both Key Stage 1 and Key Stage 2 all students follow the English National Curriculum. Programmes of study set out what students should be taught, and attainment targets set out expected standards of student performance.

Key Stage 1 Curriculum

Key Stage 1 consists of Years 1 and 2. The lessons for KS1 are designed to meet the requirements of the British National Curriculum (2014).

Year 1

Subject	Number of lessons per week	Details
Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	4	4 T4W lessons

Phonics	3	2 Phonics lessons per week- 3 in Term 1 which then changes to comprehension lessons in Term 2
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others
Library	1	Class Teacher with Librarian
Art	1	Class Teacher
Music	1	Specialist Teacher
PE	1	Specialist Teacher
P4C	1	Class Teacher
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	Arabic Teacher/ Class Teacher

Year 2

Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	4	4 T4W lessons
Phonics	3	2 Phonics lessons per week- 3 in Term 1 which then changes to comprehension lessons in Term 2
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others

Library	1	Class Teacher with Librarian
Art	1	Class Teacher
Music	1	Specialist Teacher
PE	1	Specialist Teacher
P4C	1	Class Teacher
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	Arabic Teacher/ Class Teacher

Key Stage 2 Curriculum

Key Stage 2 consists of Years 3 - 6 – often divided into Lower KS2 (Years 3 and 4) and Upper KS2 (Years 5 and 6). At Newton International Academy SMASH, we follow the Programmes of Study as set out in the National Curriculum in England.

Year 3 and Year 4 (Lower Key Stage 2)

The principal focus of mathematics teaching in LKS2 is to ensure that pupils become increasingly fluent with whole numbers and the four operations, including number facts and the concept of place value. This should ensure that pupils develop efficient written and mental methods and perform calculations accurately with increasingly large whole numbers.

At this stage, pupils should develop their ability to solve a range of problems, including with simple fractions and decimal place value. Teaching should also ensure that pupils draw with increasing accuracy and develop mathematical reasoning so they can analyse shapes and their properties, and confidently describe the relationships between them. It should ensure that they can use measuring instruments with accuracy and make connections between measure and number.

By the end of Year 4, pupils should have memorized their multiplication tables up to and including the 12 multiplication tables and show precision and fluency in their work. Pupils should read and spell mathematical vocabulary correctly and confidently, using their growing word reading knowledge and their knowledge of spelling.

Year 3

Subject	Number of lessons per week	Details
Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	6	4 Talk 4 Writing 1 SPAG 1 Comprehension
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Library	1	1 lesson per week- led by school librarian with CT support
ICT	1	1 lesson per week in ICT lab
French	1	1 lesson cross-curricular linked where possible
Music	1	1 lesson per week
PE	1	1 lesson per week- range of blocks covered
P4C	1	1 session per week- usually takes place in P4C room
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	1 lesson per week- Arabic speaking students taught by Arabic teacher- English speaking students taught by CT

Year 4

subject	Number of lessons per week	Details
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Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	6	4 Talk 4 Writing 1 SPAG 1 Comprehension
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Library	1	1 lesson per week- led by school librarian with CT support
ICT	1	1 lesson per week in ICT lab
French	1	1 lesson cross-curricular linked where possible
Music	1	1 lesson per week
PE	1	1 lesson per week- range of blocks covered
P4C	1	1 session per week- usually takes place in P4C room
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	1 lesson per week- Arabic speaking students taught by Arabic teacher- English speaking students taught by CT
Topic	2	2 lessons per week- taught in History and Geography blocks

Upper Key Stage 2

Year 5

Subject	Number of lessons per week	Details
Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	6	4 Talk 4 Writing 1 SPAG 1 Comprehension
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Library	1	1 lesson per week- led by school librarian with CT support
ICT	1	1 lesson per week in ICT lab
French	1	1 lesson cross-curricular linked where possible
Music	1	1 lesson per week
PE	1	1 lesson per week- range of blocks covered
P4C	1	1 session per week- usually takes place in P4C room
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	1 lesson per week- Arabic speaking students taught by Arabic teacher- English speaking students taught by CT
Topic	2	2 lessons per week- taught in History and Geography blocks

Year 6

Subject	Number of lessons per week	Details
Mathematics	6	5 Math's lessons 1 Problem-solving lesson
English	6	4 Talk 4 Writing 1 SPAG 1 Comprehension
Guided Reading	2	Groups reading with CT/TA Carousel of activities for others
Science	3	2 Science lessons 1 Science Lab lesson
Topic	2	2 lessons per week- taught in History and Geography blocks
Library	1	1 lesson per week- led by school librarian with CT support
ICT	1	1 lesson per week in ICT lab
French	1	1 lesson cross-curricular linked where possible
Music	1	1 lesson per week
PE	1	1 lesson per week- range of blocks covered
P4C	1	1 session per week- usually takes place in P4C room
Arabic	5	Arabic Teacher
Islamic/ Citizenship	2	Arabic Teacher- Islamic Citizenship- Non-Muslim students
Qatar History	1	1 lesson per week- Arabic speaking students taught by Arabic teacher- English speaking students taught by CT
Topic	2	2 lessons per week- taught in History and Geography blocks