

# PRIMARY - KS1 & KS2

Key Stage 1 consists of Years 1 and 2.

Key Stage 2 consists of Year 3, Year 4, Year 5 and Year 6

The courses for KS1 and KS2 are designed to meet the requirements of the English National Curriculum.

## Subjects

English	Mathematics
Science	Geography
History	Art & Design & Technology
French (KS2)	ICT
Arabic /Islamic Studies	Music
Citizenship	P.E.

## English

At Newton International Academy we use the National Literacy Strategy to deliver our English curriculum. This strategy ensures all students are given the opportunity to work with different types of texts, both fiction and non-fiction.

A very important part of English teaching is reading. The students read books in school during Guided Reading and at home to practice the words and fluency of their reading as well as their comprehension. Our school library is open to all children throughout the school week.

Speaking and Listening is integrated into every aspect of school life. The students are always encouraged to speak in English. They have opportunities to perform in class assemblies to a wide audience, which also encourages listening skills.

**Key Stage 1 also have a large focus on Jolly Phonics and learning letter sounds and blends to help with spelling, writing and reading.**

## Mathematics

At NIA we follow the National Numeracy Strategy which we use to plan and implement our Mathematics programme. Mathematics lessons are carried out daily in every class across the primary school.

The main mathematical topics covered within each year group include:

### **Numbers and the number system**

Counting and number sequences

Place value and ordering

Estimating and rounding

Calculations

Understanding addition and subtraction

Mental calculation strategies for addition and subtraction

Understanding multiplication and division

Mental calculation strategies for multiplication and division.

### **Solving Problems**

Making decisions

Reasoning about numbers or shapes

Problems involving "real life", money and measures

### **Handling Data**

Organizing and using data

### **Measures, Shape and Space**

Measures related to length, mass, capacity, calendars and time

Shape and space- 2D, 3D, position, patterns

### **Humanities**

Geography and History are often linked where possible to enable more creativity in teaching and learning.

KS1 History topics include a study of the seaside, Florence Nightingale, Toys, Homes and the Great Fire of London. KS1 Geography covers topics such as Around the School, Leisure Time and Travelling, Local area and safety, The Seaside and Katie Morag.

History topics include a study of an Ancient Civilization in each year group, for example, the Greeks or Egyptians, and more recent history such as the Victorians. KS2 has incorporated the history of Qatar into its curriculum as part of the local history unit. Geography covers topics such as Map work, Water and Climate.

## **Science**

### **Year 1**

All about me/Ourselves Growing Plants Sorting Materials Light and Dark Pushes and Pulls  
Sound and Hearing

### **Year 2**

Health and Growth Plants and Animals Variation Changing Materials Pushes and Pulls Using  
Electricity

### **Year 3**

Teeth and eating Characteristics of Materials Helping plants grow Rocks and Soils Magnets and  
springs Light and shadow Year 4 Moving and Growing Keeping Warm Friction Habitats Solids,  
liquids and how they can be separated Circuits + conductors

### **Year 5**

Keeping healthy Life cycles Earth, Sun and Moon Changing state Earth, Sun and Moon  
Changing sounds

### **Year 6**

Interdependence and adaptation Micro-organisms More about dissolving Reversible and  
irreversible changes Forces in action How we see things Changing circuits

Students will learn about a wider range of living things, materials and phenomena. They will start to create links between ideas and apply their knowledge and understanding of scientific ideas to everyday things and their personal health.

Students will have the opportunity to take part in a "Science Week," in which they will have the chance to do lots of 'hands on' science activities.

## **Specialist Subjects in Key Stage One and Two**

## **ICT**

Here at NIA we are fortunate to have two purpose built computer suites available for Primary classes to use. Each class will visit the computer suite twice a week.

We feel that it is very important for our students to be confident in using a computer and its applications. Children's homework is also available online for them to access at home. This enables them to reinforce the skills that they have learned in school.

## **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.

## **Art & Design and Design & Technology**

In Art and D&T children have the opportunity to study the work of artists and copy their artistic style. Art topics include sculptures, Mother Nature, Can Buildings Speak, Self Portraits and Investigating Materials. Children will use different methods to nurture creativity and innovation through designing and making.

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, making a Chair and Making a Sandwich.

## **Music**

Children attend one music lesson each week. 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.

## **French**

All children from Year 3 through to Year 6 will take part in one French lesson a week. During this lesson child will learn the French language, ranging from numbers and the alphabet to being able to introduce yourself in French.

## **Arabic**

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.

## **Islamic Studies & Citizenship**

All children of Muslim faith attend one lesson of Islamic studies per week where they learn about Islamic faith and culture from specialist teachers. All non-Muslim children remain with their class teachers during this time to study citizenship and world issues.