

Key Stage 1 Curriculum

Key Stage 1 consists of Years 1 and 2. The courses for KS1 are designed to meet the requirements of the English National Curriculum (20

English

At Newton International School we follow the English Programmes of Study as set out in the National Curriculum in England (2014). In KS1 English, your child will develop skills in reading, writing, speaking and listening. They'll be introduced to a range of materials, including stories, poems and plays, non-fiction and information books and will start writing their own versions of familiar stories as well as pieces of non-fiction. By the end of KS1 they will be planning their work and writing longer pieces with a beginning, middle and end.

The overarching aim for English in the national curriculum is to promote high standards of language and literacy by equipping pupils with a strong command of the spoken and written word, and to develop their love of literature through widespread reading for enjoyment. The national curriculum for English aims to ensure that all pupils:

- read easily, fluently and with good understanding
- develop the habit of reading widely and often, for both pleasure and information
- acquire a wide vocabulary, an understanding of grammar and knowledge of linguistic conventions for reading, writing and spoken language
- appreciate our rich and varied literary heritage
- write clearly, accurately and coherently, adapting their language and style in and for a range of contexts, purposes and audiences
- use discussion in order to learn; they should be able to elaborate and explain clearly their understanding and ideas
- are competent in the arts of speaking and listening, making formal presentations, demonstrating to others and participating in debate.

It is essential that children are surrounded in a rich literary environment at both home and school. In KS1 your child will be sent home each week with a book to read, please ensure you take the time to listen to your child and discuss what they have read.

Mathematics

At Newton International School we follow the Mathematics Programme of Study as set out in the National Curriculum in England (2014).

The principal focus of mathematics teaching in KS1 is to ensure that pupils develop confidence and mental fluency with whole numbers, counting and place value. This should involve working with numerals, words and the four operations, including with practical resources [for example, concrete objects and measuring tools].

At this stage, pupils should develop their ability to recognise, describe, draw, compare and sort different shapes and use the related vocabulary. Teaching should also involve using a range of

measures to describe and compare different quantities such as length, mass, capacity/volume, time and money.

By the end of Year 2, pupils should know the number bonds to 20 and be precise in using and understanding place value. An emphasis on practice at this early stage will aid fluency.

Science

The principal focus of science teaching in KS1 is to enable pupils to experience and observe phenomena, looking more closely at the natural and humanly-constructed world around them. They will be encouraged to be curious and ask questions about what they notice. They will be helped to develop their understanding of scientific ideas by using different types of scientific enquiry to answer their own questions, including observing changes over a period of time, noticing patterns, grouping and classifying things, carrying out simple comparative tests, and finding things out using secondary sources of information. They should begin to use simple scientific language to talk about what they have found out and communicate their ideas to a range of audiences in a variety of ways. Most of the learning about science will be done through the use of first-hand practical experiences, but there should also be some use of appropriate secondary sources, such as books, photographs and videos.

The children will be studying the following topics in KS1:

Year 1: Plants; Animals including Humans; Everyday Materials; Seasonal Changes

Year 2: Living Things & Habitats; Plants; Animals including Humans; Uses of Everyday Materials

History

In KS1 pupils should develop an awareness of the past, using common words and phrases relating to the passing of time. They should know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They should use a wide vocabulary of everyday historical terms. They should ask and answer questions, choosing and using parts of stories and other sources to show that they know and understand key features of events. They should understand some of the ways in which we find out about the past and identify different ways in which it is represented.

Pupils will be taught about:

- changes within living memory.
- events beyond living memory that are significant nationally or globally
- the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]
- significant historical events, people and places in their own locality.

Geography

In KS1 pupils should develop knowledge about the world, the United Kingdom and their locality (Qatar). They should understand basic subject-specific vocabulary relating to human and physical geography and begin to use geographical skills, including first-hand observation, to enhance their locational awareness.

Pupils will be taught:

Locational knowledge

- To name and locate the world's seven continents and five oceans
- To name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas.

Place knowledge

- To understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country
- Human and physical geography
- To identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- To use basic geographical vocabulary to refer to:
- Key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather
- Key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop

Geographical skills and fieldwork

- To use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage
- To use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map.

Computing at KS1

Computing is taught through specialist lessons in KS1. Children will take part in a computing lesson once a week. As well as this a number of opportunities for children to be using different technologies in the classroom to support other curriculum areas will occur each week.

Pupils will be taught to:

- To understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- To create and debug simple programs
- To use logical reasoning to predict the behaviour of simple programs
- To use technology purposefully to create, organise, store, manipulate and retrieve digital content
- To recognise common uses of information technology beyond school
- To use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Art and Design at KS1

Art is taught in class

Pupils will be taught:

- To use a range of materials creatively to design and make products
- To use drawing, painting and sculpture to develop and share their ideas, experiences and imagination
- To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space
- About the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.

Music at KS1

At KS1 Music is taught by Specialist teachers in practical hands on lessons.

Pupils will be taught:

- To use their voices expressively and creatively by singing songs and speaking chants and rhymes
- To play tuned and un-tuned instruments musically
- To listen with concentration and understanding to a range of high-quality live and recorded music
- To experiment with, create, select and combine sounds using the inter-related dimensions of music.

Physical Education at KS1

Physical education is taught as a specialist subject, it is essential that children are in the correct PE clothing for their weekly lessons.

Pupils will develop fundamental movement skills, become increasingly competent and confident and access a broad range of opportunities to extend their agility, balance and coordination, individually and with others. They will be able to engage in competitive (both

against self and against others) and co-operative physical activities, in a range of increasingly challenging situations.

Pupils will be taught:

- To master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities
- To participate in team games, developing simple tactics for attacking and defending
- To perform dances using simple movement patterns.