

# Key Stage 3&4 Mathematics Curriculum



## Chelsea Community Hospital School

At Chelsea Community Hospital School (CCHS), the Mathematics is taught following the 2014 National Curriculum.

At Chelsea Community Hospital School, we recognise that learners in a hospital school setting have often missed significant periods of school and may join us with spiky learning profiles and gaps in their learning. CCHS staff tailor teaching and learning in Mathematics to the level and pace specific to each learner. For all areas of the Mathematics curriculum we use our own planning, set work from a student's enrolled school, and the pupil's interests as an aid to motivation and engagement. Pupils learn either in small groups or in 1:1 session.

At Chelsea Community Hospital School, we believe: 'Mathematics is a creative and highly inter-connected discipline that has been developed over centuries, providing the solution to some of history's most intriguing problems. It is essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. A high-quality mathematics education therefore provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.'

### Intent

Ensure that all pupils can;

- become fluent in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils have conceptual understanding and are able to recall and apply their knowledge rapidly and accurately to problems
- reason mathematically by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- can solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions

### Implementation

At Chelsea Community Hospital School we ensure that our curriculum;

- provides a wide range of high quality learning experiences and creative learning activities which engage students and stimulate their imagination.
- promotes excellent and rapid acquisition of knowledge and skills.
- promotes high levels of achievement, good behaviour and successful progression between key stages.
- promotes a curiosity for and enjoyment of learning.
- meets the needs, aptitudes and interest of all students.
- focuses on priorities which ensure that all students make excellent progress in reading, writing, mathematics and communication.

### English as an Additional Language

At CCHS, we welcome and value the cultural and educational experiences that pupils with EAL bring to our school. We value a student's linguistic skills in their own language(s) and acknowledge the time it takes to become confident in another language. We use a range of teaching strategies and resources to support EAL learners.

### Pupils with Special Educational Needs

CCHS is an inclusive school and we aim to give all our students equal access to our classrooms and resources regardless of their special educational needs or disabilities.

In Mathematics, students with SEN will be supported to engage meaningfully in their learning through quality first teaching whereby they receive high quality teaching, differentiated for individual pupils using individualised strategies, support and curricula which are reviewed and improved on a regular basis.

Given the unique changing profile of our students there are specialised SEN teachers which can be consulted to offer targeted and specialised support through high quality interventions (see SEN Curriculum Statement for further information).