**MATHEMATICS**

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| **INTENT** | **IMPLEMENTATION** | **IMPACT** |
| Mathematics is a crucial part of everyday life and at Branston Junior Academy we aim top create a love of mathematics and an understanding of how it can be applied in a variety of different contexts.  Children develop these areas in practical activities, relevant and meaningful problem solving and exploring patterns and relationships on which mathematical concepts depend.  We emphasise fluency, reasoning and problem solving to support a ‘mastery of mathematics’ approach. | Mathematics is planned with guidance from the revised framework and is taught in each term. It is linked to other areas of the curriculum when appropriate. Skills, knowledge and relevant vocabulary are taught progressively.  The Maths Subject Leader is responsible for:   * supporting staff with planning the Maths Curriculum, * advising staff on ways to improve children’s learning and practical skills, * advising staff on assessment * providing sufficient resources to enable good quality work to take place.   Class Teachers are responsible for day-to-day teaching. The children work in Year Groups or focussed sets to meet individual needs. Specific interventions (often led by TA’s) are available to support those children who have specific needs in mathematics.  Children are encouraged to develop a positive attitude to mathematics and learn to use it with confidence, understanding and pleasure. Mathematics is used, applied and developed through activities in other areas of the curriculum where appropriate.  Commercial resources may be used as a source of ideas for teacher reference, and as pupil material, where appropriate. Mathematical equipment is available, when relevant to scaffold learning. (eg; White Rose Maths Hub, Power Maths, NCETM Mastery documents)  The Academy provides parents with information supporting guidance for children’s homework in order to develop effective study skills; this is through specific Parent Information sessions, as part of setting actual homework, Parents Evenings and through information on the Academy’s website.  Calculation Policy  The Academy has created its own policy on the Calculations (+ - x ÷) that are taught to the children. This is available in paper form for all staff. | Children are regularly assessed formatively, using the online ‘EAZMAG’ system. Teachers use ‘gap analysis’ to be able to cater for specific mathematical needs.  Teachers may use ‘mini-assessments’ to inform the assessment of individual areas of the maths curriculum.  A ‘Checkpoint’ is carried out in the Autumn and Spring terms, whereby a summative assessment is made on EAZMAG.  End of year tests are used as a final summative assessment in the Summer term. |