COMPUTING

Implementation

Who teaches this subject?	The computing curriculum is delivered by class teachers. Children are taught in class groups from Foundation stage to Year 6 (unless it is appropriate to have a different group). Teaching Assistants will support individual children and larger groups, where directed by the class teacher.
What can the children expect?	• Progression of computing knowledge and understanding building on prior learning • Use of high-quality resources; a bank of laptops available 1 per child in a class • Access to Purple Mash © at home as well as school, in order to continue learning at home where necessary. • Opportunities for discussion about ideas • Time to explain their thinking with a partner, group, class or adult. • Opportunity to experience a wide variety of programs • Opportunity to make links with previous learning • Use of computer-related vocabulary • To acquire the computing knowledge and understanding that provide the foundation to understand the world around them • A programme of learning matched to the National Curriculum 2014
How is it taught?	Teachers plan lessons following the school long and medium-term plan units. Knowledge organisers are being developed to detail the main content and show what prior knowledge is required and what learning this will lead them to be able to access. They will use their professional judgement to plan suitable learning activities that match the Threshold Concept being taught. Teachers will adapt a flexible approach to ensure that the pace of lessons is appropriate for all learners. In Computing, they may use a variety of techniques: • Modelled examples seen on screen. • Lessons away from the computer that support understanding of what is happening- e.g following specific instructions as introduction to coding. • Challenges that have to be completed to allow access to the next level of learning.
How is it assessed?	Teachers will make use of a variety of assessment opportunities: effective questioning techniques, discussions and have work that may be saved to the system from which to base judgements on.