**Computing Curriculum Statement**

**Intent**

At Woolhampton we aim to offer all children an ambitious computing education which equips children to use computational and creative thinking. Children will gain knowledge and skills by high quality teaching, in the three main areas of the computing curriculum, ensuring a solid grounding for future learning and beyond: computer science (programming and understanding how digital systems work), information technology (using computer systems to store, retrieve and send information) and digital literacy (evaluating digital content and using technology safely and respectfully). The knowledge and skills in these areas will be planned to ensure progression and high attainment.

**Implementation**

At Woolhampton, the Computing Curriculum has:

* Dedicated weekly Computing time (1hr) with carefully planned objectives within each strand support the development of learning across the key stages
* Shared expertise and experience, teaching across year groups
* Use of Chromebooks to support the learning of the wider curriculum
* Inspiring lessons with exciting software, from Purple Mash as a base, and other programmes to enhance the children’s experience of computing
* A balanced coverage of the 3 key areas of the National Curriculum.
* A fun, engaging, and high-quality computing education
* Opportunities to code with exciting hardware e.g. Crumble and Microbits
* A comprehensive curriculum that teaches children to use computer communication safely.
* Supports varied paces of learning and ensures all pupils make good progress.

**Impact**

We strive to ensure that our children's attainment is in line with or exceeds their potential when we consider the varied starting points of all our children. We measure the children’s attainment using a combination of summative and teacher assessment. The impact of the teaching is reviewed through regular monitoring and evaluation activities, including pupil voice. Our intention is that our computing curriculum will ensure our pupils are academically prepared for a digital world and life beyond primary school and throughout their educational journey.