Computing- Intent, Implementation and Impact

Intent

Computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that children have every opportunity available to allow them to achieve this.

We intend to enable children to find, explore, analyse, exchange and present information. We also focus on developing the skills necessary for children to be able to use information in a discriminating and effective way. To work alongside agencies/schools to improve children's experiences of computing and help children access more equipment.

To continue to work on improving computing links within all areas of the National curriculum throughout school.

To observe computing lessons in school to check progression and ensure that EYFS have a good foundation for children's computing skills and understanding.

To have computing displays within all classrooms with key vocabulary, online safety tips and good examples of work and have a display within the school itself.

Implementation

In order to ensure a broad range of skills and understanding, Computing is taught across three main strands: digital literacy, computer science and information technology.

Online safety is taught within each Computing lesson as well as being taught as a unit each year. Online safety procedures are communicated with all staff and parents.

To continue to support staff subject knowledge to ensure a good computing curriculum is being taught throughout school, working alongside outside agencies to deliver CPD and Professional Development Meetings to enhance staff computing skills and understanding of NC coverage.

To attend training sessions to look at how best to use the equipment/programmes/apps we have in school to their full potential.

To make sure staff plan lessons alongside HfL and NC and make sure children progress throughout school and develop their computing skills.

For staff to plan computing lessons in which children are clear on the skills and vocabulary they need to understand in order to progress.

To work alongside teachers to help plan computing lessons and deliver good coverage to children.

To continue to review and discuss the computing curriculum throughout the year to lead to further development within the subject.

Impact

For children to be competent and safe users of ICT with an understanding of how technology works. They will have developed skills to express themselves and be creative in

using digital media and be equipped to apply their skills in Computing to different challenges going forward.

For children to understand the relevance of the computing skills they are learning and how they can apply them to other areas of the NC.

To continue to collect evidence of children's work throughout school and for work to be displayed within classrooms and on the school website.

To complete questionnaires with children once a year to hear their voice on the computing curriculum within school and look at areas for development.

To continue to check computing data and curriculum coverage to best support children's learning and progression as well as staff knowledge.