

Misterton Primary School

Intent, Implementation and Impact in Computing

Intent	Implementation	Impact
*For pupils to understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation. *For pupils to analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems. * For pupils to evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems. * For pupils to be responsible, competent, confident and creative users of information and communication technology. * For pupils to have basic computer/ word processing skills. * For pupils to acquire strategies to enable them to become independent learners in computing.	*Units of work to be planned using the progression documents, national curriculum, purple mash and evolve. *All pupils in FSU have access to computers on a daily basis as part of continuous provision. * All KS1 and KS2 children will have access to at least 1 hour of I-pad and 1 hour of laptop time a week specifically for discrete computing teaching and/or as a cross-curricular link. * Every classroom is equip with 2 laptops that children can access freely throughout the day to carry out independent tasks such as research on the internet. * Vocabulary – displays in class, all curriculum areas, to have vocabulary displayed. Classes to encourage a wider use of vocabulary. Vocabulary and Knowledge Organisers to be used. Thesauruses and dictionaries to be easily accessible for pupils to use. * Work to be differentiated as required and needed.	*Enjoyment of the computing curriculum will promote creativity, achievement, confidence and inquisitive minds. *Pupils feel safe and confident to learn new things and share what they have learnt in an accepting environment. * Pupils discuss, reflect and appreciate the impact computing has on their learning, development and well-being. * Pupils know the right balance with technology is key to an effective education and a healthy lifestyle. * Progress of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes. *Pupils are proud of their computing work. *Pupils know that others value their computing work; they see it on display and celebrated, shared on

* Pupils to take pride in their computing work and present their work to a high standard.	* Teachers and TAs to support ALL pupils; providing intervention, support and challenge that individuals require to advance their learning in computing.	Marvellous Me with their families and the head teacher. * On the spot verbal feedback given to pupils. * Pupils use classroom resources to support their learning. * Pupils are competent and safe users of IT with an understanding of how technology works. * Pupils leave KS2 with sound word processing/computer skills i.e. logging on, saving work, typing etc. in order to perform fundamental tasks. * Subject leader provides an action plan for the subject and addresses areas for development and improvement annually. * Subject leader does two reports for the governors each year so they are up to date with any new initiatives that have been introduced and the impact of these. * Subject leader conducts learning walks, pupil interviews and planning monitoring throughout the year. These inform future areas for improvement and the impact of new initiatives. * Standards being met at the end of EYFS, KS1 and KS2.
--	---	---