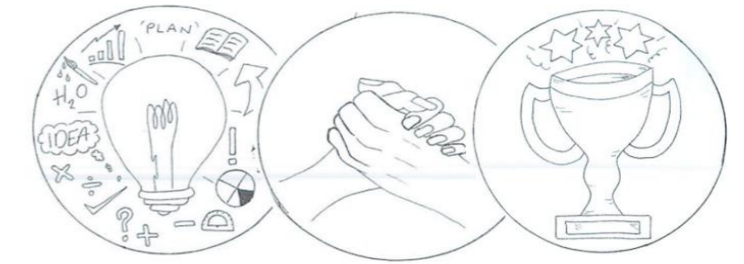# Computing – Intent, Implementation and Outcomes.

I can. (Intent.)

With technology playing such a significant role in society today, we believe computing is a key set of skills that children must be taught if they are to be able to participate effectively and safely in this digital world.

A high-quality computing education equips pupils to use creativity to understand and change the world. Computing has deep links with mathematics, science, and design and technology, and provides insights into both natural and artificial systems.

Computing can also be extended into very subject by using the core skill of research.

We can. (Implementation.)

At Stokesay Primary School, pupils are introduced to a wide range of technology, including laptops, iPads and interactive whiteboards, allowing them to continually practice and improve the skills they learn. This ensures that all students become digitally literate so that they are able to express themselves and develop their ideas through information and computer technology– at a level suitable for the future workplace and as active participants in a digital world.
Our curriculum utilises the 'Purple Mash' software.
The curriculum is structured as such:
EYFS: Pupils begin their journey into using technology as part of Understanding the World within the EYFS Framework. Pupils begin to learn to use tablet computers and other computing equipment to record their learning, for example taking photographs when hunting for minibeasts.
Key Stage 1 and 2: Our curriculum builds towards the end of Key Stage expectations. The first unit of every year is always e-safety, ensuring pupils feel safe online and know how to respond, should they need. The remainder of the curriculum is broken into computer science, information technology and digital literacy. Learning is taught progressively, and no unit is taught out of sequence. Where, for example, specific skills such as 'spreadsheets' must be taught twice within a Key Stage, they are taught within the same cycle. This ensures no child can be taught more complex material before learning the foundational material.

Stokesay can. (Outcomes.)

The approach at Stokesay Primary School results in a challenging and engaging computing curriculum that provides children with a foundation for the computing world of today and the future. Through a balanced curriculum, enthusiastic staff, monitoring of progress and progression, ICT Leaders, children can experience ICT using a variety of devices and applications and can apply this knowledge and skills base to a variety of other subjects across the curriculum. Learning is monitored through learning walks, as well as periodical monitoring of saved work on Purple Mash.

At the end of each unit of learning teachers review and record if children are achieving lesson learning objectives that should have been taught throughout the unit using the Purple Mash coverage system. It can also be used to identify areas where the whole class may need to revisit learning.

SEND
At Stokesay, all pupils have access to the full Computing curriculum and devices and software have been chosen to offer a range of experiences to all pupils, regardless of needs. For example, utilising touch screen devices such as Kindles and iPads to support the work of those who may struggle to use a mouse or track pad due to their motor skills.