

# Thorndown Primary School

## Computing Curriculum Statement

Even from Foundation Stage, children at Thorndown have access to a range of hardware and software that enables them to enhance and record their learning. They are able to use these in both structured and unstructured situations, giving them the time to use technology purposefully but also to explore its potential.

E-safety is of paramount importance at our school and is taught in both discreet sessions and within other situations when technology is used. Our sessions empower the children with the knowledge they need to safeguard themselves and their personal information whilst online now and in the future and provides them with the opportunity to complete the ACE scheme of work. Each child in Key Stages One and Two have access to Starz, a safe learning platform. During lessons on Starz, teachers are able to teach children how to e-mail and blog safely, preparing them for their digital activities in the future.

During Key Stage One, children meet programming which they are taught both on and off screen. We provide a range of situations that assist children through their understanding of algorithms in a fun and engaging way. Throughout the school, we build upon this knowledge and understanding in a range of creative and purposeful ways. We develop children's programming enthusiasm in our after school *Code Club*.

Children are also taught to explore and understand technology. We have units of work that encourage children to enquire about the technology around them, and develop their understanding of networks and the World Wide Web. This enables children to grow into members of society that understand the world around them better.

Technology is used across the curriculum to support learning in other lessons, including our subscription to Skoolbo. We teach digital literacy during these sessions, enabling children to present their learning in a range of creative ways. We also teach how to use search engines safely, including how to question the plausibility of the information they have found and the importance of respecting copyright.