



Computing policy.

Date policy ratified:	January 2018	January 2021	January 2024
Date for next review:	January 2021	January 2024	January 2027
Signed by Chair of Governors:		L Almunshi	
Signed by Headteacher:			

Computing prepares children to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technology. Pupils learn to find, explore and change information responsibly, creatively and with discrimination. They learn how to employ Computing to enable rapid access to ideas and experiences from a wide range of people, communities and cultures. Increased capability in the use of Computing promotes initiative and independent learning, with pupils being able to make informed judgements about when and where to use Computing to best effect and consider its implications for home and work both now and in the future.

The Curriculum:

At Tornedale, every child will develop their Computing capability and confidence through accessing learning opportunities to match learning statements on the EYFS statements for Foundation Stage children and the National Curriculum 2014 statements for our Key Stage One children. They will be exploring tools and information sources to support and enhance their learning. They will use Computing to develop their ideas and creative work. They will also use programs to solve problems. Computing is not usually taught in isolation but is also integrated into other classroom activities.

Inclusion:

At Tornedale, the scheme of work for Computing (based on the EYFS and National curriculum for KS1) will be taught to all children in school in ways appropriate to their abilities. It's aim is to give every child the opportunity to experience success in learning and to achieve as high a standard as possible whilst preparing the children for the next stage in their education. This will involve setting suitable learning challenges for children of all abilities, responding to children's differing learning needs and overcoming any possible barriers to effective learning. Children with learning difficulties will work at their own level, on suitably differentiated or alternative activities and with additional support, if necessary.



At Tornedale, teachers will create an effective learning environment for Computing by setting high expectations and ensuring all children take part fully and effectively in Computing activities; by providing opportunities for all children to achieve and valuing the contributions made by all children; and by challenging stereotypical views of race, gender, ability or disability. During Computing activities, teachers should, where possible, use software, materials and resources that reflect social and cultural diversity and provide positive images of race, gender and disability. They should also take account of individual children's specific religious and cultural beliefs relating to the representation of ideas, images or experiences.

Health and safety:

When using Computing all staff should be aware of potential hazards and manage the working environment safely:

- Children should be made aware of potential danger of mains electricity and not be allowed to touch plugs, play with cables
- Children should use equipment with tender loving care
- Children should carry small equipment such as programmable toys with due care and attention

In addition, children should be taught correct procedures for working with equipment:

- Computers should be shut down correctly after use
- Keyboards should not be used with wet, dirty or gritty hands
- No liquid should be placed near equipment
- Curriculum iPads should be returned to the small SEND office and placed on charge at the end of the day for KS1 and for Rec, curriculum iPads should be stored in lockable cupboards overnight
- Teacher's iPads should be stored in lockable cupboards overnight.
- Chromebooks should be stored in lockable cupboards overnight.

E-safety:

At Tornedale, we take this aspect of Computing very seriously in line with one of our key drivers 'Everyone safe and happy.' We recognise e-safety through delivering e-safety week in school in February each year and throughout regular classroom practice. The Computing co-ordinator leads an e-safety assembly and information is sent home to be shared with parents and children. We also have an e-safety Santa visit in December to share the importance of keeping personal information to ourselves and what age we should be playing particular software at. For further information, please refer to our e-safety policy.

This policy will be reviewed annually.

S. Gaunt

Computing co-ordinator.

January 2021