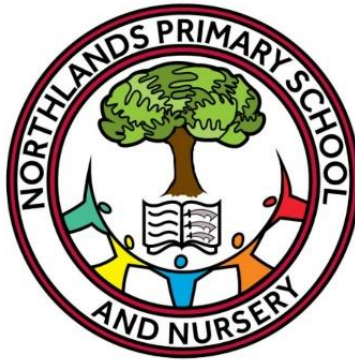


Northlands Primary School and Nursery



Computing Policy

Ratified at the Full Governing Board meeting on _____

Signed _____

Due for review: 1.10.26



Inspire
Challenge
Succeed

Northlands Primary School and Nursery Policy for Computing

Curriculum Intent

Computing is high profile at Northlands. With a dedicated computing suite used by children in Key Stage 1 and Key Stage 2, pupils receive an hour of devoted computing lessons each week. We understand that our pupils have increasing access to technology at home and supplement that in lessons by teaching online safety as well as discrete computing modules. As well as the annual Online Safety Week, pupils are taught how to stay safe when using technology through termly lessons to reinforce the importance of this area of learning.

The purpose of this policy is to show how at Northlands, we enable pupils to leave primary school as confident, capable and creative users of digital technology, with a secure understanding of the fundamental principles of computer science and as safe, responsible and discerning digital citizens.

Aims and Objectives

- To deliver an aspirational curriculum centred around real life and work place scenarios
- To meet the requirements of the National Curriculum programme of study for Computing
- To ensure our children become digitally resilient and are confident using the Internet in a safe and responsible way
- To help all children to develop the underlying skills and capability which is essential to developing Computing capability (such as problem solving, perseverance, learning from mistakes) and apply them elsewhere

Support for pupils with additional needs

At Northlands, we teach computing to all children, whatever their ability. Computing forms part of the school curriculum to provide a broad and balanced education to all pupils. Pupils with additional needs are supported through personalised learning. This may come in the form of support in lessons or alternative software such as Lexia. Our learning platform, DB Primary, is a secure system which can be personalised to meet individual learners' needs. Physically, we are able to provide lower case keyboards, tilting screens and chairs of varying heights to ensure that all pupils can access technology appropriately.

Internet Safety

Internet access is planned to enrich and extend learning activities across the curriculum. However, we have acknowledged the need to ensure that all pupils are responsible and safe users of the Internet and other communication technologies both in school and outside. An online safety policy has been drawn up to protect all parties. To further ensure the safety of the children we teach each class the rights and responsibilities of using the Internet.

The Early Years Foundation Stage

Children in the reception classes and Nursery classes have access to computing in their sessions through the Interactive Whiteboard, iPads and laptop computers. This gives them an opportunity to use technology to solve problems and think effectively as outlined in the Early Years Foundation Stage Framework (2021).

Computing Curriculum

The scheme we primarily use is *Switched on Computing* which enables pupils to experience a range of computing skills through scenarios based around real life scenarios or job roles.

	Autumn Term		Spring Term		Summer Term	
Year 1	We are TV chefs	We are digital artists	We are publishers	We are rhythmic	We are detectives	We are TV treasure hunters
Year 2	We are zoologists	We are astronauts	We are games testers	We are photographers	We are safe researchers	We are animators
Year 3	We are programmers	We are bug fixers	We are presenters	We are who we are	We are co-authors	We are opinion pollsters
Year 4	We are software developers	We are makers	We are musicians	We are bloggers	We are artists	We are toy meteorologists
Year 5	We are architects	We are web developers	We are adventure gamers	We are VR designers	We are game developers	We are cryptographers
Year 6	We are publishers	We are app connected	We are advertisers	We are AI developers	We are toy makers	We are computational thinkers

*The order in which topics are taught may differ

Assessment

Computing is assessed through the key performance indicators identified in the *Switched on Computing* scheme. Assessment for children's work in computing is on-going with progress made reported at the end of each term. Children can obtain three forms of judgement over the course of the year: Working below, working at or working above expected level. Assessment is undertaken through:

- Subject leader monitoring
- Teacher formative assessment strategies
- Weekly child digital outcomes
- Summative assessment tasks
- Children take part in topic quizzes, this is used for the teacher to assess the key knowledge retained by pupils in each class.

Linked policies / documents: Online Safety Policy