



# Tennyson Road Infant School

Highfield Road, Rushden, Northants, NN10 9QD

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Headteacher: Miss Caroline Hall B.A. Hons P.G.C.E NPQH

[www.tennysonroadinfants.org.uk](http://www.tennysonroadinfants.org.uk)

## COMPUTING POLICY

Safeguarding our children is our priority. All concerns must be reported to our Designated Safeguarding leads: Miss Hall and Mrs Hilbourne.

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions		Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs			
Create and debug simple programs		Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts		Use sequence, selection, and repetition in programs; work with variables and various forms of input and output	
Use logical reasoning to predict the behaviour of simple programs		Understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration			
Use technology purposefully to create, organise, store, manipulate and retrieve digital content		Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content			
Use technology safely and respectfully, keeping personal information private; know where to go for help and support when they have concerns about material on the internet		Use technology safely, respectfully and responsibly; know a range of ways to report concerns and inappropriate behaviour			

Recognise common uses of information technology beyond school.	Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
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**REVIEW AND UPDATE**

This policy will be presented to the Governors for ratification  
It will be discussed and agreed by the teaching staff.

Reviewed: January 2021

Signed by:

Head Teacher: Miss C Hall

Chair of Governors: Mr M Kendall

Review date: January 2022

Edited: May 2022