

COMPUTING CURRICULUM

We believe that pupils have the right to access outstanding ICT and learn new appropriate skills in order to provide them the best opportunities in the technological world that they live in.

NURSERY	RECEPTION	YEAR 1	YEAR 2
<p><u>Understanding the world</u> *explore how things work</p> <p><u>Personal, Social and Emotional Development</u> *increasingly follow rules, understanding why they are important.</p> <p><u>Physical development:</u> *match my developing physical skills to tasks and activities in the setting.</p>	<p><u>Physical Development</u> <u>Personal, Social and Emotional Development</u> *shows resilience and perseverance in the face of a challenge *develops small motor skills so that I can use a range of tools competently, safely and confidently. *knows and can talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'</p> <p><u>Expressive Arts and Design</u> *explore, use and refine a variety of artistic effects to express their ideas and feelings</p> <p><u>Personal, Social and Emotional Development</u> <u>Managing Self</u> *be confident to try new activities and show independence, resilience and perseverance in the face of challenge. (ELG) *explain the reasons for rules, know right from wrong and try to behave accordingly (ELG)</p> <p><u>Expressive, Arts and Design</u> <u>Creating with Materials</u> *safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function (ELG)</p>	<p>* understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions *create and debug simple programs</p> <p>*use logical reasoning to predict the behaviour of simple programs</p> <p>*use technology purposefully to create, organise, store, manipulate and retrieve digital content</p> <p>*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</p> <p>*recognise common uses of information technology beyond school.</p>	<p>*understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions *create and debug simple programs</p> <p>*use logical reasoning to predict the behaviour of simple programs</p> <p>*use technology purposefully to create, organise, store, manipulate and retrieve digital content</p> <p>*recognise common uses of information technology beyond school</p> <p>* use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</p>