



ST MATTHEW'S PRIMARY SCHOOL

Learning to be
the best that
we can be

COMPUTING YEAR R CURRICULUM LINKS TO KS 1 NC COVERAGE

Development Matters	ELG	How this is achieved in Reception	By the end of Reception children will know	Year 1 Curriculum
<p>Personal, Social and Emotional Development</p> <ul style="list-style-type: none"> Show resilience and perseverance in the face of a challenge Know and talk about the different factors that support their overall health and wellbeing Sensible amounts of screen time <p>Physical Development</p> <ul style="list-style-type: none"> Develop their small motor skills so they can use a range of tools 	<p>Personal, Social and Emotional Development: Managing Self</p> <ul style="list-style-type: none"> Be confident to try new activities and show independence, resilience and perseverance in the face of a challenge Explain the reasons for rules, know right from wrong and try to behave accordingly <p>Expressive Arts and Design: Creating with Materials</p> <ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function <p>Understanding the World: Past and Present</p>	<p>Continuous Provision: A range of resources are available within the classroom and outside for the children to access, both independently and with an adult. <i>This list is not exhaustive.</i></p> <ul style="list-style-type: none"> A variety of texts that support the subject for children to access iPads Remote control toys- cars Battery operated toys- spinning tops CD Players Interactive whiteboard (Phonics. Maths) Computer (Bug Club, Google, You Tube, Power points) Old telephones, computers, mechanical toys Torches Visualiser Light box Shadow box Talking postcards/ pegs <p>Autumn Term:</p> <ul style="list-style-type: none"> Write their name on notebook using finger Firework Pictures Follow instructions and sequence <p>Spring Term:</p>	<p>Knowledge:</p> <p>Personal, social and emotional Development</p> <ul style="list-style-type: none"> How to wait a short amount of time for something that I want e.g. iPad, an app to work How to complete a familiar task independently and with support and will try new things e.g. a computer program How to select tools and resources that I need to complete a task of my own choosing How to be safe online That a password is secret <p>Physical Development</p> <ul style="list-style-type: none"> How to use an iPad appropriately How to use my fingers on touch screen and control a touchpad on a computer <p>Understanding the World</p> <ul style="list-style-type: none"> How to use a camera e.g. on 	<ul style="list-style-type: none"> 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 Use logical reasoning to predict the behaviour of simple programs Use technology purposefully to create, organise, store, manipulate and retrieve digital content Recognise common uses of information technology beyond school 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

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<p>competently, safely and confidently</p> <p>Expressive Arts and Design</p> <ul style="list-style-type: none"> Explore, use and refine a variety of artistic effects to express their ideas and feelings 	<ul style="list-style-type: none"> Talk about the lives of people around them and their roles in society Know some differences and similarities between things in the past and now drawing on their experiences. <p>People, Culture and Communities</p> <ul style="list-style-type: none"> Describe their immediate environment using knowledge from observation, discussion, text and maps 	<ul style="list-style-type: none"> Take a photo on iPad Take a selfie Permission for taking a photo and safety <p>Safer Internet Day (February) Homework: Technology at home</p> <p>Summer Term:</p> <ul style="list-style-type: none"> Type their name on a keyboard 	<p>an iPad</p> <ul style="list-style-type: none"> How to select and use technology for a particular purposes How technology is used in my own home That technology has changed since my adults were young <p>Expressive Arts and Design</p> <ul style="list-style-type: none"> How to safely use a range of technology for a purposes 	