

Computing Reception Long Term Plan

Characteristics of Effective Learning		
Playing and Exploring – Engagement <ul style="list-style-type: none"> • Finding out and exploring ✓ • Playing with what they know • Being willing to 'have a go' ✓ 	Active Learning – Motivation <ul style="list-style-type: none"> • Being involved and concentrating ✓ • Keeping on trying ✓ • Enjoying achieving what they set out to do ✓ 	Creating and Thinking Critically – Thinking <ul style="list-style-type: none"> • Having their own ideas (creative thinking) ✓ • Making links (building theories) ✓ • Choosing ways to do things (critical thinking) ✓

ELG Units of work	Programmes/Resources	Knowledge and skills
Communication and language 1. Being Imaginative 2. Listening and attention 3. Speaking 4. Understanding	2Paint a picture Paint Projects 2create a story Mashcams 2Beat 2Explore 2DAM Simple City Slideshows Talking stories 2Go	1. Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories. 2. Children listen attentively in a range of situations. They listen to stories, accurately anticipating key events and respond to what they hear with relevant comments, questions or actions. They give their attention to what others say and respond appropriately, while engaged in another activity. 3. Children express themselves effectively, showing awareness of listeners’ needs. They use past, present and future forms accurately when talking about events that have happened or are to happen in the future. They develop their own narratives and explanations by connecting ideas or events. 4. Children follow instructions involving several ideas or actions. They answer ‘how’ and ‘why’ questions about their experiences and in response to stories or events.
Expressive Arts 1. Being Imaginative 2. Exploring and using media	2Paint a Picture 2Paint a Projects Paint Projects 2Create a Story Mashcam 2Beat 2Explore 2DAM	1. Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories 2. Children sing songs, make music and dance, and experiment with ways of changing them. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function
Literacy 1. Reading 2. Writing	Mashcam 2Create a story Alphabet slideshows 2Email/2Respond 2Connect 2Publish	1. Children read and understand simple sentences. They use phonic knowledge to decode regular words and read them aloud accurately. They also read some common irregular words. They demonstrate understanding when talking with others about what they have read. 2. Children use their phonic knowledge to write words in ways which match their spoken sounds. They also write some irregular common words. They write simple sentences which can be read by themselves and others. Some words are spelt correctly and others are phonetically plausible

Maths 1. Numbers 2. Shape, space and measure	Maths City 1 Maths City 2 A-fish-metic Number paint projects 2Count 2Quiz Shapes Pin 2DIY 2Design and Make	1. Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing. 2. Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them
Physical Development 1. Health and self care	MiniMash Pin - Groucers	1. Children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe. They manage their own basic hygiene and personal needs successfully, including dressing and going to the toilet independently.
PSED 1. Making Relationships 2. Self-confidence and self-awareness	Using Tablets Using chromebooks Using IWB MiniMash Pin - All about me MiniMash Pin - Feelings Explore Purple Mash/Minimash	1. Children play co-operatively, taking turns with others. They take account of one another's ideas about how to organise their activity. They show sensitivity to others' needs and feelings, and form positive relationships with adults and other children. 2. Children are confident to try new activities, and say why they like some activities more than others. They are confident to speak in a familiar group, will talk about their ideas, and will choose the resources they need for their chosen activities. They say when they do or don't need help.
Understanding the world 1. People and communities 2. Technology 3. The World	MiniMash Pin - All about me Mini Mash Purple Mash Simple City Topic Pins Topics Slideshow creator 2Connect	1. Children talk about past and present events in their own lives and in the lives of family members. They know that other children don't always enjoy the same things, and are sensitive to this. They know about similarities and differences between themselves and others, and among families, communities and traditions. 2. Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes. 3. Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.

Vocab				
E safety Choices Internet Website	Programming Equipment Buttons Movement	Multimedia Screen Mouse Images Keyboard Paint trackpad	Technology in our lives Technology Share Create Internet	Data Handling Collect Set of photos Count Organise

Other areas of the EYFS that RE will enable the children to work towards meeting ELGs: