



Long Term Plan For Computing

2015– 2016

Scheme of work based on 'Rising Stars'

(E-safety is covered throughout rising stars, but staff need continually ensure they are promoting e-safety with sessions, using Ofsted grade descriptors as guidance)

	Autumn 1 PROGRAMMING	Autumn2 COMPUTATIONAL THINKING	Spring1 CREATIVITY	Spring 2 COMPUTER NETWORKS	Summer 1 COMMUNICATION	Summer 2 PRODUCTIVITY	On Going Computer Skills throughout the year to ensure children to become digitally literate at a suitable level for future workplace. (This can linked to other subjects e.g. Literacy, Maths, Science ,DT etc)	Rainbow Skills Links Using ICT Section
Year 1	We are treasure hunters	We are TV chefs	We are painters	We are collectors	We are storytellers	We are celebrating	<ul style="list-style-type: none"> - Continue to develop children's logging on skills from F2 - Use Clicker 5 as an introduction to word to develop typing skills, changing font, colour etc. 	<ul style="list-style-type: none"> - Write simple ideas and make lists - Use names for ICT components - e.g. mouse - Record their own voice and that of others - Use a simple art program
Year 2	We are astronauts	We are games testers	We are photographers	We are researchers	We are detectives	We are zoologists	<ul style="list-style-type: none"> - Introduce Microsoft word to develop on the year 1 skills – develop save and retrieve information skills, insert picture - Research on computers/ipad - Photostory or Microsoft ppt to make simple slide shows 	<ul style="list-style-type: none"> -Understand the importance of ICT - Recognise different ways of using ICT and decide which to use - Take digital photos - Use shape tools to draw Use the space bar - Store documents into a folder and retrieve them - Use clip art to add and resize a picture - Use shortcuts to insert objects and delete them - Make a simple slide show
Year 3	We are programmers	We are bug fixers	We are presenters	We are network engineers	We are communicators (Email)	We are opinion pollsters (Stop-frames)	<ul style="list-style-type: none"> - Continue with Microsoft word, ppt presentation (see ICT skills) - Introduce excel inputting data and making graphs - Research on computers/ipad 	<ul style="list-style-type: none"> -Recognise the importance of ICT in the real world -Record using video and sound, and amend what they have recorded -Use ICT to organize and present their work -Use a spell checker -Fill in a data collection sheet -Enter information to make a graph - Create and position text, alter font and align text -Change page layout -Find and use stored information
Year 4	We are software developers	We are toymakers	We are musicians	We are HTML editors	We are co-authors	We are meteorologists	Continue to use Microsoft word, ppt, excel (See skills) -Introduce publisher (see skills) <ul style="list-style-type: none"> - Research on computers/ipad 	<ul style="list-style-type: none"> -Search databases -Recognise terms - e.g. cell, row, column -Format text towards a specific purpose -Use word count, bullets, numbering -Present information using a range of software -Use ICT across a range of subjects -Order and organise text using a word processing program
Year 5	We are games developers	We are cryptographers	We are artists	We are web developers	We are bloggers	We are architects	Consolidation of all programmes – Microsoft Word, Excel, Publisher, PPT <ul style="list-style-type: none"> - Research on computers/ipad 	<ul style="list-style-type: none"> -Analyse a range of information using ICT -Capture sound, still and video images using a range of hardware -Save documents and images into different formats for different purposes -Organise a wide range of information using ICT and save it in appropriate ways
Year 6	We are app planners	We are project managers	We are market researchers	We are interface designers	We are app developers	We are marketers	Consolidation of all programmes – Microsoft Word, Excel, Publisher, PPT <ul style="list-style-type: none"> - Research on computers/ipad 	<ul style="list-style-type: none"> -Use video chat in school -Add, amend and combine different forms of information in different ways -Use a range of concepts and ideas when presenting across different subjects - Use and add menu options, including hyperlinks