Computing Intent

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Underpinning all learning challenge questions: Online Safety Curriculum – Project Evolve.						
Basic Computing Skills to be taught for the first and/or second lesson each half term dependant on length of the unit.						
TOPICS COVERED	Computing Systems and Networks	Creating Media	Programming A	Data and Information	Creating Media	Programming B
Nursery	Programming -Shows skill in making toys work	Technology around us - digital devices and the internet	Creating programs - technological toys and , real objects iPads	Use of IT beyond school -Knows how to operate simple equipment	Programming -Shows skill in making toys work Bee bots	Safe use of technology
Reception	Programming Bee Bots	Making music Chrome Music Lab	Digital Artist/ Photography iPads/j2e	Technology around us	Safe use of technology	Programming
Year 1	Who is your superhero? (PSHCE/ Thematic) Digital Painting	What can I find around my school? (Geography) Moving a robot	What toys did people play with? (History) Grouping data	Are all castles bouncy? (History) Technology around us	Where in the world is Barnaby Bear? (Geography) Programming animations	Digital writing
Year 2	Would you like to live in the Carribean? (Geography) Robot algorithms	Who do we know that is famous? (History) Making Music	How did the Great fire of London start? (History) Digital Photography	How can we survive… whatever the weather? (Geography) Programming quizzes	How can I keep myself safe? (PSHCE) Information technology around us	Pictograms
Year 3	What is wonderful about Wolverhampton? (Geography/ History) Sequencing Sounds	How did we get from Stone to Bronze to Iron? (History) Connecting computers	How and why did the Egyptians mummify people? (History) Stop-frame animation	How can we keep healthy? (PSHCE/ Science/PE) Desktop publishing	Oh I do like to be besides the seaside. (Geography) Branching Databases	Events and actions in programs
Year 4	Why is it good to green? (PSHCE) Photo editing	Could you be Willy Wonka's next apprentice? (Geography/ History/DT) Repetition in shapes	Around the World in 80 days! (Geography) The internet	What has Britain gained from the Greeks? (History) Repetition in games	What was the impact of the Romans in Britain? (History) Data logging	Audio editing
Year 5	Just how great was Alfred? (History) Selection in physical computing	Could you survive in the jungle? (Geography) Flat file databases	Where are our football teams from? (Geography) Video editing	How did an Elizabethan farmhouse save a king? (History) Vector drawing	The sky's the limit, so which way am I heading? (PSHCE) Sharing information	Selection in quizzes
Year 6	I'm a year 6 pupil…GET ME OUT OF HERE? (Geography/ PSHCE) Variables in games	How did Iron Bridge get its name? (History/ Geography) Sensing	How does the world get angry? (Geography) Introductions to Spreadsheets	What was it like to be a child growing up in WW11? (History) Internet Communication	How can we be the best that we can be? (SAT's/PSHCE) Webpage creation SWAY	3D Modelling