The Park Federation

Wood End Park Academy: Computing Overview

Created: KD & BH September 2015

Spring 2	Using A Camera **(Information Technology)** -Use technology purposefully to create, organise, store, manipulate and retrieve digital content. **Rising Stars objectives** C.1.1.1. Use technology purposefully to organise, store and retrieve digital content. **Tools/programs used** -Tuff cams -Purple Mash Maths links -Timing -Distance -Angles	Creating Database **(Information Technology)** -Use technology purposefully to create, organise, store, manipulate and retrieve digital content. -Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content. **Rising Stars objectives** C.2.1.2. The child can understand how algorithms are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions. **Tools/programs used** -2Graph (purple mash) -Excel Maths links -Tables -Graphs -Data collection	Code (bug/debug) **(Computer Science)** - Design, write and debug programs to accomplish specific goal. **Rising Stars objectives** C.3.1.1. Design, write and debug programs that accomplish specific goals. **Tools/programs used** -2Code (Purple Mash) -Word (Print screening) Maths links -Angles -Scales -Directions -Timing -Problem solving	Online Mind Mapping **(Information Technology)** Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content. **Rising Stars objectives** C.4.1.3. Collecting, analysing, evaluating and presenting data and information. **Tools/programs used** -Internet (mind mapping website) -Tuff cams -Word (print screen)	Coding **(Computer Science)** -Design, write and debug programs including controlling or simulating physical systems. **Rising Stars objectives** C.5.1.1. Design, write and debug programs that accomplish specific goals **Tools/programs used** -Scratch (coding) Maths links -Degrees -Co-ordinates -Rotation -Timing	Creating an advert (dependant on sats prep) **(Information Technology)** -Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content to accomplish a given goal, including collecting, analysing, evaluating and presenting data and information. **Rising Stars objectives** C.6.1.1. Select, use and combine a variety of software (including internet services) on a range of digital devices. **Tools/programs used** -Green screens -I can present (program) -Camcorder