Bilton Grange Provision Map - COMPUTING

		EYFS	Years 1/2	Years 3/4	Years 5/6
Planning **What does ONLINE SAFETY planning look like in each key stage?**		Linked to Education for a Connect World (Project Evolve resources) Where appropriate, alternative resources are used if deemed more effective.	Linked to Education for a Connect World (Project Evolve resources) Where appropriate, alternative resources are used if deemed more effective.**Long Term Plan** - See **2 year rolling programme** for KS1, Lower KS2 and Upper KS2. **Medium term Plans** – One teacher in each Key Stage team is responsible for planning a unit. This is shared and discussed with colleagues. See examples of MTP linked following Purple Mash. **Short Term Plans** - The teacher responsible for planning the MTP is also responsible for producing the STP and sharing this with colleagues. See examples of STP linked following Purple Mash		
Planning **What does Computing planning look like in each key stage?**		Mini Mash. Where appropriate, alternative resources are used if deemed more effective.	Linked to Teach Computing. Where appropriate, alternative resources are used if deemed more effective. **Long Term Plan** - See **2 year rolling programme** for KS1, Lower KS2 and Upper KS2. **Medium term Plans** – One teacher in each Key Stage team is responsible for planning a unit. This is shared and discussed with colleagues. See examples of MTP linked following Purple Mash. **Short Term Plans** - The teacher responsible for planning the MTP is also responsible for producing the STP and sharing this with colleagues. See examples of STP linked following Purple Mash		
Teaching **What does a typical lesson and block look like?**	**When?**	Activities are incorporated into daily timetable. In the summer term, EYFS children pay regular visits to the Computer suite.	Computing Taught 1 x week for an hour. Online safety – taught discretely in the Autumn term in computing lessons. It is threaded into other curriculum subjects throughout the year (PSHE) and is covered in assemblies.	Computing Taught 1 x week. Online safety – taught through	Computing Blocked unit for each term. Online safety – taught through

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	How?	Individual and/or group	Y1 and Y2 are taught together for 1hr sessions	Y3 and 4 are taught alternate weeks for 45 minute lessons.	Y5 and 6 are taught alternate weeks for 45 minute lessons.
	Who?	Class teacher or teaching assistant will guide and/or observe an individual/ group.	Each of the KS1 class teachers teaches the Computing lessons.	The Computing Lead plans and teaches all the Computing lessons to ensure consistency across Lower KS2.	One teacher plans and teaches all the Computing lessons to ensure consistency across Upper KS2.
Hardware **What hardware do children access?**	Children may use devices independently, in pairs, alongside a TA or in a group with the teacher. Teachers and pupils are also aware of the importance of health and safety, and pupils are always supervised when using technology and accessing the internet.				
	The children are provided with a range of opportunities to use the Smart interactive whiteboard, standalone computer and iPads which can found in both foundation stage classrooms. The children also have access to technological toys such as torches and bee-bots and recording equipment.		iPads PC's camera BeeBots	Pads? PC's? camera	Pads? PC's? camera
Assessment - **How are children assessed (formatively/ summatively) in each key stage?**	Observations recorded.		*Formative* - Recaps are used at the beginning of each lesson to connect and check prior knowledge/ misconceptions. Through questioning, learning is assessed throughout lesson and misconceptions addressed as soon as they are spotted. Formative assessment informs the planning for the next lesson. *Summative* - All children are assessed after each unit has been completed using the **Computing assessment grids**. At the end of the academic year, teachers are responsible for inputting end of year assessments onto **Scholarpack**.		
Cross – Curricular **What links are made between subjects?**	**Communication & Language -** speaking, listen & attention, being imaginative, understanding **Personal, Social and Emotional Development** – making relationships, self confidence & self awareness		**Maths** – grouping & sorting, databases & graphing **Music** - Making Music	**Maths** – branching databases, graphing **English** – writing for different audiences **Art & Design** – animation	**Maths** – databases **English** – concept maps, writing for different audiences - blogging

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	Physical Development – health & self care **English** – reading & writing **Maths** – numbers, shape, space & measure **Understanding the world** - technology, people & communites, the world **Expressive Arts and Design** – exploring & using media, being imaginative	**PSHE** – how to keep safe **Science** – Digital photography	**PSHE** – how to keep safe, bullying	**Art & Design** – 3-D modelling **PSHE** – how to keep safe online, social media, managing risk
		Children will be given a variety of opportunities to use technology across a range of subjects to create their own projects linked to the context of the school – for example using technology for creating content for a PowerPoint display relating to French. Technology will also be used as an enabler to deliver core curriculum content in an engaging and meaningful way (TT Rockstars/Reading Plus).		
Extra-Curricular What provision is planned for each key stage?		Alongside our curriculum provision, pupils at Bilton Grange also have the opportunity to attend ComputerXplorers which offers children specialist computing education through after-school computing clubs. Their classes are designed to capture the imagination, spark a child's creativity and prepare them for a technology-driven future. They work with hundreds of software titles and an amazing array of peripherals covering everything from programming and coding, the innovative application of IT, creative digital literacy and e-safety.		
Experiences (Trips/ Visitors) What trips/ visitors are planned for each key stage?		Trips are not explicitly linked to computing however most have elements of technology which the children engage with.		
Home Learning	Children at Bilton Grange are fully encouraged to engage with Computing outside of school. Purple Mash has an online portal of age-appropriate software, games and activities as well as topic materials and materials to support children's learning in other subject areas for all key stages.			

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	Each teacher and pupil own a unique Purple Mash login and password. Computing work can be stored and saved using pupil log in details. Parents and carers are also encouraged to support the implementation of Computing where possible by encouraging use of computing skills at home for Empowering Learning Homework tasks. Children will be given a variety of opportunities to use technology across a range of subjects to create their own projects linked to the context of the school – for example using technology for creating content for a PowerPoint display relating to French. Technology will also be used as an enabler to deliver core curriculum content in an engaging and meaningful way (TT Rockstars/Reading Plus).