COMPUTING
PROGRESSION MAP

Year 2			
	AUTUMN TERM:	**SPRING TERM:**	**SUMMER TERM:**
	Researching [1] Programming On Screen [2]	Taking Photographs [1] Collecting Data [2]	Computer Games [1] E-Mail [2]
Domain	**Progression Statement**		
Computer Science	**Problem Solving:** o Knows what is meant by the term 'algorithm'. o Is beginning to use algorithms of increasing complexity. o Has a growing understand how algorithms are implemented as programs on digital devices. **Programming:** o Can create and debug with improved confidence and efficiency. o Is thinking logically about broken programs. **Logical thinking:** o Continues to use logical reasoning to predict the behaviour of simple programs.		**Problem Solving:** o Knows what is meant by the term 'algorithm'. o Is beginning to use algorithms of increasing complexity. o Has a growing understand how algorithms are implemented as programs on digital devices. **Programming:** o Can create and debug with improved confidence and efficiency. o Is thinking logically about broken programs. **Logical thinking:** o Continues to use logical reasoning to predict the behaviour of simple programs.
Information Technology	**Creating content:** o Organises, stores and retrieves digital content. o Demonstrates how to use technology to create and manipulate digital content. **Searching:** o Uses internet search engines, shows awareness of how results are ranked.	**Creating content:** o Organises, stores and retrieves digital content in other curriculum areas. o Uses technology purposefully to create and manipulate digital content. **Searching:** o Beginning to use key words as an effective way to search for information.	**Creating content:** o Organises, stores and retrieves digital content. o Recognise common uses of information technology beyond school o Demonstrates how to use technology to create and manipulate digital content. **Searching:** o Uses internet search engines, shows awareness of how results are ranked.

	E-Safety:	E-Safety:	E-Safety:
Digital Literacy	o Uses technology safely and respectfully. o Describes how to create a secure password. o Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.Using IT Beyond **School:** o Makes sensible choices about apps and websites that they use.	o Demonstrates an awareness and understanding of trusted sources of information, websites, app, 'fake news' etc. o Can identify safe internet sites **Using IT Beyond School:** o Uses apps and websites that are age appropriate	o Uses technology safely and respectfully. o Describes how to create a secure password. o Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.Using IT Beyond **School:** o Makes sensible choices about apps and websites that they use.

Year group long-term overview (with statutory requirements) and subject progression map (above) to be used together to inform medium term planning.