

Skills <ul style="list-style-type: none"> select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 		Skills <ul style="list-style-type: none"> design write and debug programs that accomplish specific goals, solve problems by decomposing them in smaller parts use sequence, selection and repetition in programs use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs 		Skills <ul style="list-style-type: none"> Use search technologies effectively, appreciate how results are selected and ranked and be discerning in evaluating digital content 		Skills <ul style="list-style-type: none"> recognise common uses of information technology beyond school use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact 		Skills <ul style="list-style-type: none"> select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 		Skills	
Topic Vocab <ul style="list-style-type: none"> text images font align tile graph transitions resize rotate invert graphics print screen trim arrange special effects 	Apps Purple Mash Word PowerPoint Pages (Presentation) Publisher iMovie	Topic Vocab <ul style="list-style-type: none"> coding algorithms programming sequence debugging command 	Apps Scratch Purple Mash	Topic Vocab <ul style="list-style-type: none"> URL Reliability Internet World Wide Web Fact Opinion Media Search Engine Website 	Apps Google Bing Purple Mash	Topic Vocab <ul style="list-style-type: none"> Validity Respectful Responsible Consequences Online behaviour Digital footprint Social networking Content 	Apps Google Twinkl Purple Mash Pages Thinkuknow	Topic Vocab <ul style="list-style-type: none"> Data Software Digital Questionnaire Collecting Analysing Evaluating Presenting Table Cell Formula 	Apps Excel Purple Mash Word Publisher	Topic Vocab	Apps
By the end of this topic children will be able to: Digital Publishing: Pupils learn how to use software to create an e-book, brochure or poster on a given subject Presentations: Pupils learn to write and deliver a presentation on a given subject Graphics: Pupils learn how to take, adapt or create images to enhance or further develop their work Animations: Pupils learn how to develop a storyboard and then create a simple animation using for instance 'Puppet Pals' or 'Stop Motions' Animation' Sound and video: Pupils record and edit media to create a short sequence Working with data: Pupils learn to search, sort and graph information		By the end of this topic children will be able to: Pupils learn to use graphical programming language, such as Scratch or Logo to draw regular 2D shapes. Pupils add loops or procedures to create a repeating pattern Pupils learn to sequence instructions, for instance to create an animation using Scratch, or by using the timing features in PowerPoint Pupils write a simple algorithm, for instance to create a basic traffic light sequence. They then use flowcharting software (such as Go or Flowgo) to create a simple program to control an onscreen icon		By the end of this topic children will be able to: Pupils are introduced to the basics of online searching, including how to use effective keywords. They also learn to conduct searches that provide them with the most helpful and relevant information		By the end of this topic children will be able to: Pupils learn that the Internet is a great place to develop rewarding online relationships and learn to recognise websites that are good for them to visit; but they also learn to be cautious and to check with a trusted adult before sharing private information Pupils learn to make good passwords for their accounts, learn about spam and how to deal with it. They begin to understand the implications for the information that they share online and how some websites might use that information without their knowledge Pupils are introduced to their roles as digital citizens in an online community, where they reflect on how they are responsible not only for themselves but for others, in order to create a safe and comfortable environment Pupils learn that the Internet is a public space and then develop the skills to protect their privacy and respect the privacy of others		By the end of this topic children will be able to select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.		By the end of this topic children will be able to	

