Pathfinders – The Visionary

Focus
To understand the way the past impacts on the present

History/Famous people – The Story of Ada Lovelace

Subject Specific Vocabulary		Sticky Knowledge	Book/Video links
Inspirational	a person or thing that motivates mentally or emotionally	• I know key facts about Ada Lovelace	Top Marks – Code for Life/Rapid Router Purple Mash 2Code Books about Ada Lovelace You tube - Ada Lovelace short animated stories
Courage	mental or moral strength to venture, persevere, and withstand danger, fear, or difficulty	• I know that Ada Lovelace developed the first computer programmes	
Creativity	the use of imagination or original ideas to create something	• I know that what Ada Lovelace did has made a difference to my life now	
Then/now/past/present	Common words and phrases used to relate the passing of time	• I can understand a simple code	
Mathematician	an expert in or student of mathematics	• I can make a simple code for others to complete	
Technology	the application of scientific knowledge for practical purposes		
Algorithm	An **algorithm** is a set of instructions designed to perform a specific task e.g. 2 multiplied by 2		
Programming	The process or activity of writing computer programs		Design and make a flying machine Programme Beebots to follow a simple path/direction
Digital	Relating to numerical calculations, or using data in the form of numerical digits		
Engineer	A person who designs, builds, or maintains engines, machines, or structures		
Mechanical	Operated by a machine or machinery		
Computer	An electronic device for storing and processing information		