

## 6.7 Heroes of computing

### Key Figures

Alan Turing	English mathematician who was instrumental in breaking the German Enigma code in WW2
Ada Lovelace	A gifted mathematician, Ada Lovelace is considered to have written instructions for the first computer program in the mid-1800s.
Bill Gates	He founded the world's largest software business, Microsoft and subsequently became one of the richest men in the world.
Mark Zuckerberg	Mark Zuckerberg co-founded Facebook out of his college bedroom at Harvard University.
Steve Jobs	Steve Jobs was an American inventor, designer and entrepreneur who was the co-founder, chief executive and chairman of Apple Computer

### Key Vocabulary

Pixel	The smallest element that creates photos and images
Contrast	The difference between tones in a picture
Saturation	The intensity of a colour
Layer	Where images are placed over one another. They can be edited separately
Sepia	A brownish colour given to make photos look older
Crop	Where you can trim off excess parts of a picture
Pixelated	When you have zoomed in and can see individual pixels



Magic Wand tool – used to remove large areas of a background



Eraser – Used to remove small sections



Brightness and Contrast adjusted



Multiple layers  
Ava Lovelace and then the mobile phone on a separate layer



Converted to sepia