

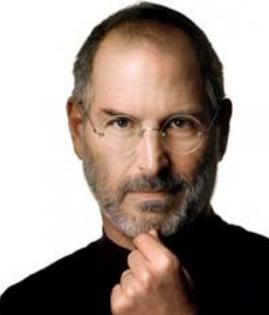
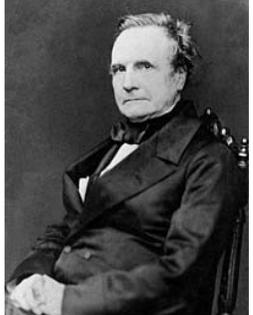
The Greetland Academy's Computing 'Legends' . . .

We aim to equip pupils with the knowledge and cultural capital they need to succeed in life.

Our understanding of 'knowledge and cultural capital' is derived from the following wording in the national curriculum:

'It is the essential knowledge that pupils need to be educated citizens, introducing them to the best that has been thought and said and helping to engender an appreciation of human creativity and achievement.'



<p>Year 1</p>	<p>Mary Lou Jepsen Mary Lou Jepsen is widely known for her 'One Laptop Per Child' project. She believes that everyone should have access to a laptop.</p>		<p>Steve Jobs Co-Founder and CEO of the Apple company. Key player in the development of Pixar.</p>	
<p>Year 2</p>	<p>Charles Babbage The designer of the first mechanical computer, which he called the "Difference Engine" — a machine that could solve equations without using multiplication or division.</p>		<p>Ada Lovelace Born in London in 1815, Ada is regarded as the world's first ever computer programmer after she wrote an algorithm intended to be carried out by a machine. Lovelace recognised the significance of the development and what it could lead to in the future.</p>	
<p>Year 3</p>	<p>Dorcas Muthoni Dorcas Muthoni has been behind some of the most widely-used online applications in Africa. Her organisation, AfChix, has worked to encourage girls to go into computing careers. In 2008 she was awarded for her work to fix the gender imbalance in technology, and was inducted into the Internet Hall of Fame.</p>		<p>Tim Berners-Lee Inventor of the (World Wide Web) and created the first website. In 2017, he received the Turing Award, the most prestigious honour in computer science.</p>	

<p>Year 4</p>	<p>Bill Gates Co-Founder and CEO of the Microsoft company. Helped in the development of Microsoft's programs such as MS-DOS. The Bill Gates and Melinda Gates Foundation pledged \$15m to the Computer History Museum on October 17 2005.</p>		<p>Martha Lane Fox Martha Lane Fox founded lastminute.com in 1998. She has since gone on to become perhaps the UK's most powerful digital campaigner after she was appointed to be the government's Digital Inclusion Champion and later entered the House of Lords as its youngest female member.</p>	
<p>Year 5</p>	<p>Marissa Mayer Google's first female engineer, who helped with the development of Google Search, Google Maps and Gmail. She went on to become the President and CEO of Yahoo!</p>		<p>Ajay Bhatt Ajay V. Bhatt is an Indian-born American computer architect who defined and developed several widely used technologies, including USB (Universal Serial Bus), AGP (Accelerated Graphics Port), PCI Express, Platform Power Management architecture and various chipset improvements.</p>	
<p>Year 6</p>	<p>Alan Turing English mathematician, logician, cryptanalyst, and computer scientist who is considered to be the father of computer science. Developed the Turing Machine in 1936. Considered by most to be the father of AI. The Turing Award is given annually and is widely considered to be the computing world's highest honor, equivalent to the Nobel Prize.</p>		<p>Grace Hopper Grace Hopper created COBOL – the first computing language. In 1969 she was named 'Computer Science Man of the Year'. In 1991, she was awarded the National Medal of Technology, the highest technology honour in the USA. She was the first woman to receive the award and did not stop working and sharing her knowledge until the day she died in 1992 aged 86.</p>	