EQUAL**IT**Y

Based on research completed looking in to ways the teaching of IT/computer science needs to be changed to ensure that more females engage with the subject, 37.5% of people referenced the lack of female teachers and role models. If young girls are not aware that there are females in an industry they are less likely to pursue a job in that industry as they have no-one like them to look up to and inspire them

This resource provides information on prominent past and current female role models that can be used when teaching students about other role models to ensure that all students are aware that women have had an impact in the development of the technology industry as well as men.

Katie Bouman:

Katie Bouman led the development of a computer program that captured the first ever photo of a black hole. The image was captured by the Event Horizon Telescope but it was her algorithm that rendered the photo. She is now an assistant professor of computing and mathematical sciences at the California Institute of Technology and achieved all this before she was 30.

Susan Wojcicki:

Susan became Google's first marleting manager in 1999, the year after Goole was founded and has been behind many of the search engine's defining features, including creating the first Google Doodles. She then oversaw the acquisition of YouTube in 2006 and later went on to become the CEO of YouTube in 2014

Sheryl Sandberg:

Sheryl worked at Google for a short time before being hired by Facebook in 2008 and in 2012 became the first woman on the company's board of directors. She works as the Chief Operating Officer and oversees many of the firms business operations including sales, marketing, HR and communications.

EQUAL**IT**Y

Elizabeth Feinler:

During the 70's and 80's, Elizabeth was the director of the Network Information Systems Centre. Her team operated the ARPNET network that later developed in to the internet that we are familiar with. In 2012, she was inducted in to the Internet Hall of Fame.

Margaret Hamilton :

Margaret Hamilton was one of the computer software programmers. She worked for NASA and she and her team were responsible for developing the code for the command and lunar modules used on the Apollo missions to the Moon in the late 1960's and early 70's.

Ada Lovelace:

Ada Lovelace is often called the first computer programmer. She worked with Charles Babbage and created the program for his prototype of a digital computer, the Analytical Engine. She realised that the capabilities of the Analytical Engine could extend beyond being a calculator and could possibly be programmed to solve problems of any complexity.

EQUAL**IT**Y