Stocksbridge Junior School Characteristics of a Computer Scientist

"Computers are incredibly fast, accurate, and stupid. Human beings are incredibly slow, inaccurate, and brilliant. Together they are powerful beyond imagination."

Albert Einstein

At Stocksbridge Junior School, we are computer scientists!

At Stocksbridge Junior School, every child is a computer scientist. We want our pupils to appreciate the power of computing and to have no limits to their ambitions; to grow up wanting to be software programmers, coders, website creators or innovators! Through our computing curriculum, we want all of our pupils to be inspired, be ambitious and confident in their ability, using the knowledge and skills they have been taught to explore their own unlimited creativity. We want our children to become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world. Through the teaching of computing along with our PSHE curriculum, we want our children to know and understand how to keep themselves safe online.

As computer scientists, we have...

- Competence in coding for a variety of practical and inventive purposes, including the application of ideas within other subjects.
- The ability to connect with others safely and respectfully, understanding the need to act within the law and with moral and ethical integrity.
- An understanding of the connected nature of devices.
- The ability to communicate ideas well by using applications and devices throughout the curriculum.
- The ability to collect, organise and manipulate data effectively.

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