



GROK
LEARNING

Nicky Ringland
Founder
nicky@groklearning.com

Why learn to code?

From social networks to online banking, from GPS-enabled smart-watches to self-driving cars, technology is shaping our present and will only increase in influence in the future. The ability not just to consume technology but to create it is increasingly essential in today's world.

Learning to code is more than learning a specific, discrete skill. It's learning a way of thinking that encourages problem solving and creativity. By participating in our courses and competitions, students develop their analytical skills and computational thinking. They explore issues in Science, Technology, Engineering and Maths as they learn to solve real-world problems with computers.

In our courses, students estimate the speed of light using marshmallows and a microwave, identify sequences that could form hairpin RNA, write basic machine translation programs between language pairs, and even generate poetry using Twitter and a rhyming dictionary. Whatever a student's current interests or future goals, a solid computing background will make it easier for them to achieve their dreams in the digital age.

The ability to program the various technological tools that infuse our daily lives is currently in high demand in the job market and this demand is only growing. For those who want to find their own path, when supported by a solid technical background, opportunities for entrepreneurship are boundless.

Whether we're fighting climate change, curing cancer or going to space, an understanding of computer science is crucial. We're passionate about giving your child the best possible head start.

Yours sincerely,

Nicky Ringland