ABOUT *I CAN MAKE*

I Can Make provides teaching guides, lesson plans and CPD training for educators working to the new computing and design curriculum, and creates and sells fun, educational 'print and build' kits to make with 3D printers. Based in the UK, we also develop STEM education resources with museums, schools and trusts. Through playful learning, *I Can Make* aims to inspire the engineers of tomorrow.

FUTURE-PROOF RESOURCES

New 3D printers are being developed and launched all the time. *I Can Make* resources are compatible with major models (*MakerBot*, *Ultimaker*, *PrintrBot*), with more on the way.

icanmakehq.com
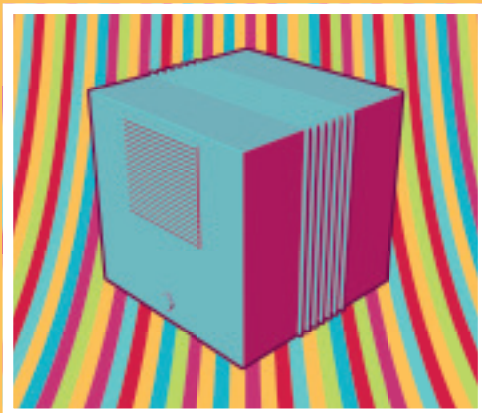**twitter.com/icanmakehq**
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I CAN MAKE

AN INTRODUCTION TO 3D PRINTING IN SCHOOLS
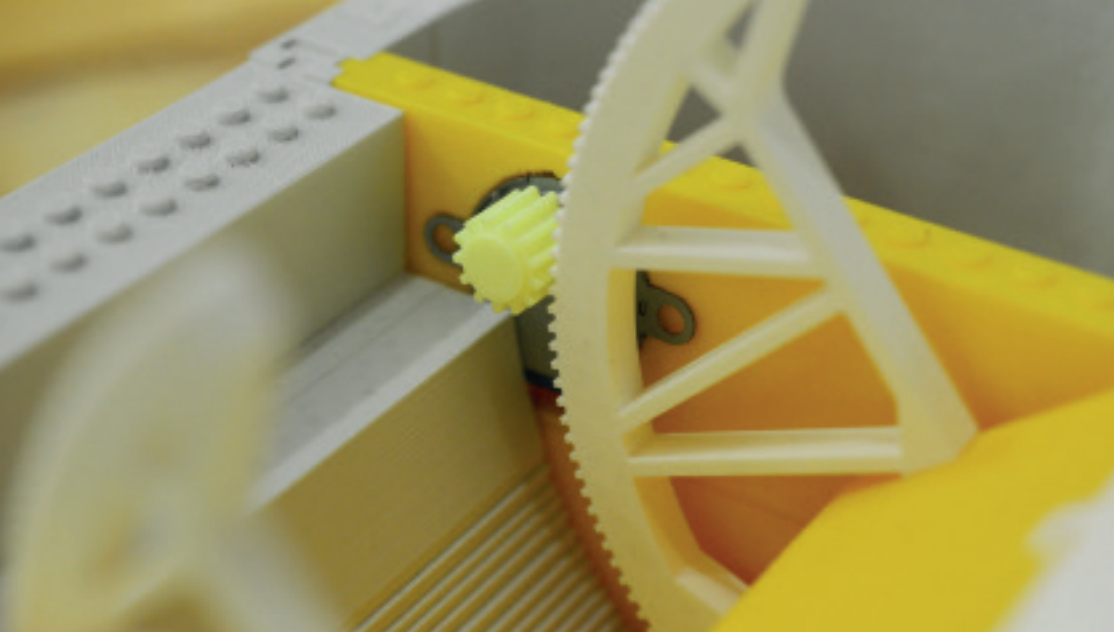
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GET A FREE *I CAN MAKE* KIT DOWNLOAD!

Sign up to our newsletter, for updates on our kits, CPD courses and developments in the computing curriculum.

We'll also send you a download code for our *NeXT Cube* kit file – the pioneering computer used by Sir Tim Berners-Lee to develop the World Wide Web!

To sign up, go to icanmakehq.com/teachers

LEARNING & MAKING WITH 3D PRINTING

This is the year that most people — especially schoolchildren — will meet their first 3D printer. 3D printing is included on the UK curriculum for design and technology, and many schools have purchased a 3D printer. Prices are dropping rapidly, and parents are beginning to buy them for home use, too.

But where to start? You have the machine, but how do you become confident and familiar with the technology, include it in lessons, and make it relevant and engaging for your pupils?

We can help.

I Can Make produces 3D printing teaching guides and lesson plans for use in the KS1&2 classroom. We also provide CPD programmes, designed to help teachers become confident and inspired about teaching 3D printing.

Our simple 'print-and-build' model kits are designed for children and adults to make on 3D printers. They're models of design and engineering icons, such as Tower Bridge and SpaceShip One — perfect for use in the classroom. Students can learn how to print each part of the snap-together kits, and even upgrade them with motors, micro computers and LEDs.

'This brought the structure to life for the children, and you can see that it is inspiring them to ask more questions about engineering.'

— Natalie Cain, Head of Education, Tower Bridge

CPD PROGRAMMES FOR 3D PRINTING & COMPUTING

I Can Make CPD courses are designed around the needs of teachers – letting them spend time with 3D printers and physical computing devices in a workshop learning environment. We provide a complete introduction to 3D printing, and show how physical computing can be used to make the KS1/2 computing curriculum come alive.

LEARN-AS-YOU-TEACH GUIDES AND LESSON PLANS

I Can Make teaching materials introduce teachers to the basics of 3D printing technology by gently walking them through each stage. Our worksheets, downloadable model kits and step-by-step videos are carefully designed to provide simple, practical ways to include 3D printing and physical computing in lessons.

For sample lesson plans and course enquiries, go to **icanmakehq.com/teachers** or email **teachers@icanmakehq.com**