code inventorz

Empowering future innovators with STEM

Proposal: one day workshop

Prepared by Jonathon Simons, Founder of Code Inventorz

BUILDING THE NEXT GENERATION OF STEM HEROS

OPERATION FUTURE FORCE

Foreword

As a passionate advocate for the transformative power of technology in education, I am committed to enhancing learning through 3D printing, robotics, and coding. These disciplines not only enrich the curriculum but also pave the way for scholarships and dynamic careers in technology. By integrating STEM into early education, we inspire and prepare students for future technological challenges and opportunities. This proposal seeks sponsors to support fully-funded one-day workshops that nurture this passion in students, inspiring and creating the next generation of innovators.

About Code Inventorz

Code Inventorz is an innovative educational organisation dedicated to advancing STEM education across the UK. With a team of experienced educators and technology experts, we specialise in delivering high-quality, hands-on workshops in 3D printing, robotics, and coding. Our mission is to make technology education accessible and exciting for all students, helping them to unlock their potential and prepare for the future. At CodeInventorz, we believe in the power of education to transform lives, and we are committed to inspiring the next generation of tech pioneers through engaging and impactful learning experiences.

Workshop Overview

Objective:

Our goal is to introduce Key Stage 2 (KS2) students across the Greater Manchester area to the engaging and educational worlds of 3D printing, robotics, and coding. By customising workshops to the varying needs and skill levels of the students, we ensure that each child finds the experience both enriching and enjoyable.

Workshop Details:

We seek sponsorship of £600 per workshop, which covers all necessary materials, expert instruction, and support materials for school-based promotion. Each school will be provided with promotional materials such as leaflets and digital content to facilitate their own advertising through school channels. Designed to accommodate over 100 students per day, our workshops offer exceptional value, making cutting-edge technology education accessible at approximately £6 per child. The workshops are conducted by qualified teachers with expertise in each technological field, ensuring high educational standards and safety.

Workshop Content:

The workshops include a variety of modules tailored to different technological interests:Robotics: Students build and program a robot car, gaining foundational skills in robotics engineering and coding.3D Printing: Participants design and print objects like badges or keyrings, learning the principles of digital design and 3D printing technology.

Coding:

Children create their own arcade games, developing their logical thinking and programming skills .Additional custom modules can be developed to align with the specific curricular goals or interests of different schools.

Benefits of the workshop:

Educational Impact:

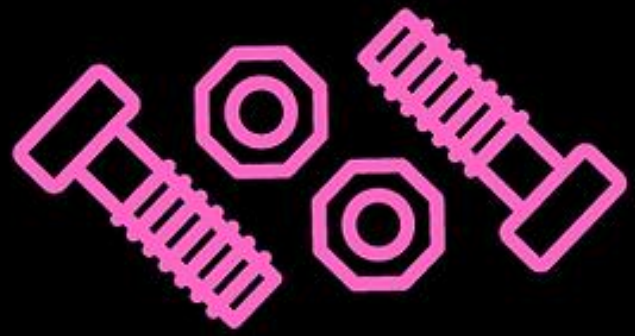
Incorporating practical technology-based activities within the curriculum enhances learning, develops critical skills such as problem-solving and design thinking, and introduces students to advanced STEM concepts in a hands-on, interactive environment.

Social Impact

These workshops aim to ignite a lasting interest in technology careers, making advanced technologies accessible to a diverse range of students and promoting inclusivity in tech education.

Financial Impact:

Offering these workshops at a low cost per student provides high educational value and represents an excellent investment in the future of education. Furthermore, sponsoring these workshops presents a unique opportunity for local businesses to engage with and support their communities, enhancing their visibility and community relations.



We invite you to sponsor these enriching educational workshops. Your support will not only help inspire young minds but also demonstrate your commitment to advancing technology education. Interested sponsors are encouraged to contact me at Jonathonsimons@codeinventorz.com to discuss partnership opportunities.

As a sponsor of the coding workshop, we were thrilled to see our contribution go towards such a dynamic and engaging education experience The feedback from the students was overwhelmingly positive, reaffirming our commitment to supporting STEM education in our community.

The 3D printing workshop provided by CodeInventorz was a hit with our students. It was amazing to see their creativity come to life when they designed and printed their own keyrings. We are looking forward to the next one.

The workshop on robotics was not only education but incredibly inspiring for our young learners. We saw firsthand how students who were hesitant about coding left eager to explore and learn more. A genuinely impactful experience.

The CodeInventorz team brough an infectious enthusiasm to their coding workshop which was contagious among the students. These workshops have the potential to shape future careers in tech.

Our partnerships and accreditations