Tnmoc learning Education Newsletter June 2023

Conserve Educate Engage and Inspire

The world's largest collection of working historic computers

KEY
- WAR TimE
- EARLY SYStEMS
- EXHIBITIONS
- COMMUNICATION
- EDUCATION ACTIVITIES
- RESOURCES
About our Education offering:

Strong digital skills are a necessity for individual success in an increasingly digital world. Effective development of Digital skills requires opportunity above all else and should be afforded to young people making career-impacting decisions. Increased living costs reinforce socio-economic barriers to cultural capital and, in this case, digital proficiency by restricting funding.

The impending Digital Skills Gap is of well-documented concern to industry leaders who will ultimately benefit from a digitally-literate talent pool. Technology is a valuable tool in every field. Rather than treating computing as a stand-alone subject, our Digital Future Days cover a diverse range of industries while provoking career exploration. Our events host up to 120 learners completing 6 x 45-minute sessions delivered by industry professionals and TNMoC staff in a carousel. Our Digital Future Days are designed to inspire the next generation of Scientists, Engineers, Mathematicians and Technologists. Elevating their skills, knowledge and experience and cultivating their personal development.

The scheduled Digital Future Days are supported and sponsored by Partners.

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How to book Educational visits

The National Museum of Computing is absolutely delighted to share details of our exciting new programme of educational events: Digital Future Days. Collaborating with committed partners within the tech industry enables us to bridge the gap between National Curriculum guidelines and digital skills needed by future employers through specialised workshops. These events are themed by National, and International celebrations throughout the year and inspire attendees to explore tech-related careers in areas of interest.

Due to generous sponsorship, our Digital Future Days are Heavily Subsidised to increase accessibility. These workshops are not only open to Academic Institutions, we also welcome Home Educators. Accessible to all, we host regular Relaxed Opening Days for SEND Learners to explore our unique collection and benefit from our educational provision in a carefully controlled environment.

Click here
Virtual Visits @ TNMOC

Do you want your students to experience The National Museum of Computing but you can’t get to us in person? Check out our Virtual Visits, a fascinating twist on learning remotely! Block H, now home to The National Museum of Computing, was the world’s first purpose-built computer centre and part of the Bletchley Park codebreaking operation. In a 90 minute session, our Virtual Visits uncover tales of cryptography, secret operations and technological advancement, illuminating the journey of development from WWII cryptography to present-day encryption. Firstly, step back in time and explore Block H as it would have been 60 years ago in our Virtual Escape Room Experience, which will challenge students to use their problem solving, team working and computer literacy skills. Secondly, participate in a tailored, interactive hands-on activity on the theme of Cryptography, Computing or Mathematics. Find out more here.
What is planned 2023/ 2024 Digital Future Days

25 July- 31 August - Family STEAM Bytes

9-12 August 2023- Gaming LAN Party

9 October 2023 - Ada Lovelace Day

25 October 2023- Relaxed opening/ Home Educators Days

13 November - Maths week 11-14 years

22 March 2024 - Young Women in Cyber

10 May 2024 - International Women in Mathematics

15 May 2024 - Pi Day

22 June 2024 - Women in Engineering Day

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The National Museum of Computing, located on Bletchley Park, is an independent charity housing the world's largest collection of functional historic computers and WW2 code breaking machines, including, Enigma, Lorenz, the only working Turing-Welchman Bombe, the rebuilt Colossus, the world’s first electronic computer, and the WITCH, the world's oldest working digital computer. The museum enables visitors to follow the development of computing from the ultra-secret pioneering efforts of the 1940s through the large systems and mainframes of the 1950s, 60s and 70s, and the rise of personal computing in the 1980s and beyond.

The museum runs a highly successful Sandford awarded Learning Programme for schools and colleges from primary school age through to PhD. We introduce computer coding to young people to inspire the next generation of computer scientists and engineers with a special emphasis on supporting female, minority and disadvantaged students.

We have a proven track record of bridging digital divides and inspiring future computing professionals.

W: www.tnmoc.org
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Our Mission:

To bring to life the history and ongoing development of computing for inspiration, research, learning and enjoyment for the benefit of general and specialist publics of all ages. We are an accessible museum supporting others to fuel the future.

In support of this we acquire, conserve, restore and reconstruct historic computing machinery for preservation, display, demonstration and research. Our emphasis is on British computing heritage and on ongoing British contribution to innovation and development.

Our distinctive approach is engagement through the display and demonstration of working historic systems.

We provide context through our active, Sandford awarded education programmes, festivals, lectures, visitor activities, and interpreted exhibitions and interactivity to raise awareness and inspire future generations of computer scientists, engineers, programmers and inventors.
Whom do we reach?

Visitors of all ages from UK and wider afield
Families, parents and carers
School and college students through our learning programme
Computer historians, academic researchers
Cyber security & technology industry professionals
Retired industry professionals
Corporate groups
Sponsors and donors
Museum Supporters’ Club
Museum trustees, staff and volunteers

We proactively support diversity and inclusion
Special programmes for neuro-diverse groups through relaxed openings; specialist days for home educators; support for students with additional needs including those from disadvantaged backgrounds
Our Partners and Sponsors

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