Introducing: Our New Primary Offering!

We are delighted to announce the launch of our brand new Primary Offering, giving even the youngest learners the opportunity to benefit from what is on offer at our wonderful Museum. As part of a four-hour full day visit, primary students will participate in one interactive, explorative session, focused on investigating the Museum and two engaging, hands-on and educational STEAM workshops.

Our Practical Workshop Options Include:

- **Augmented Reality [KS1-2]** - Combine real game pieces with modern digital technology for interactive learning opportunities that require the use of all five senses in enhanced reality games created by our partners at Osmo (Maths, Coding, Art or Language skills).

- **Screen-Free STEM [KS2]** - Full of fun features and special codes, including light-up eyes for night vision, Botley 2.0 comes packed full of hands-on coding activities and challenges, promoting critical thinking and problem-solving skills from the wonderful people at Learning Resources.

- **Beginners Coding [KS2]** - Learn coding skills on our pocket-sized Micro:Bit computers to create LED images activated by buttons or ‘shake’ sensors. They can even communicate with each other! (*Limited exclusive option for musical gloves offered by Pimoroni*).

- **Physical Computing [KS2]** - Learn how to control various electronic components using the latest version of Scratch on the Raspberry Pi.

Book Your Primary Education Visit Now.
Upcoming Events at TNMOC

- **Raspberry Pi Exhibition Launch** (Saturday 5th March 2022: 10:30 - 15:00).
  Book Now.
- **Raspberry Pi Physical Computing Workshop: An LED Game** (Saturday 5th March 2022: 12:00 - 13:00).
  Book Now.
- **Raspberry Pi Physical Computing Workshop: Pico Microcontroller** (Saturday 5th March 2022: 14:00 - 15:00).
  Book Now.
- **So You Think You Know Computers? Virtual Family Quiz Night!** (Sunday 6th March 2022: 18:00 - 18:30)
  Book Now.
- **Awards Ceremony for the Honorary Fellowship of Rory Cellan-Jones** (Tuesday 12th April 2022: 13:00 - 16:00).
  Book Now.
- **Easter STEM Bytes Festival** (Tuesday 12th April - Sunday 24th April 2022: 11:00 - 16:30).
  Book Now.
- **GCSE Maths Supported Revision Session** (Wednesday 13th April 2022: 10:30 - 12:30).
  Book Now.
- **Relaxed Opening Day** (Monday 18th April 2022: 10:30 - 14:30).
  Book Now.
- **Home Educators Day** (Friday 20th May 2022: 10:30 - 15:00).
  Book Now.
- **TNMOC Valve Workshop 2022** (Saturday 18th June 2022: 9:00 - 17:00).
  Book Now.
- **STEM Bytes Festival (May Half Term)** (Tuesday 31st May - Sunday 5th June 2022).
  Book Now.
- **Young Women in STEM Day** (Wednesday 19th October 2022: 10:30 - 15:30).
  Book Now.

**Coming Soon:**

- **Minecraft Workshops** will be available next month through our Ambassador Kids Programme and STEM Bytes Festivals (operating during the school holidays).

NEW: Digital Future Days

Our new 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 below Digital Future Day is available to book now:

**Details Confirmed:** **Sustainability in Tech with Ortial Technologies** (Wednesday 27th April 2022): Have you ever considered the impact of technology on the physical world? The wonderful people at Ortial certainly have! In our informative, action packed 'Sustainability in Tech Day', delivered in partnership with Ortial Technologies (a leading vendor of memory, storage and networking components) and Techbuyer (global specialists in the buying, refurbishing and selling of enterprise IT equipment), students will gain an in-depth understanding of what is inside a computer.
Meet Our New Partners!

We are extremely excited to be working with the following organisations for the continued development and delivery of our dynamic Museum Education Programme:

- **The Raspberry Pi Foundation**: The Raspberry Pi Foundation is a UK-based charity that works to put the power of computing technology and digital making into the hands of people all over the world, enabling them to solve problems that matter to them, and to express themselves creatively.

- **Ortial Technologies**: Ortial is a leading vendor of memory, storage and networking components.

- **FIRST Tech Challenge UK**: A tech charity, FIRST Tech Challenge UK are a global movement of educators and influencers determined to equip the next generation with the technical knowhow and life skills to transform our future.

- **Osmo**: Through their tangible learning games, Osmo strives to deliver 'something awesome that inspires the youngest generation’, whilst simultaneously addressing the concern of many parents surrounding how children can interact with technology without losing the value of hands-on play.

- **Learning Resources**: Helping parents and teachers build generations of amazing kids since 1984. From Maths and Literacy to Coding and STEM, Learning Resources’ quality educational toys and games provide children with some of the building blocks they need to succeed in school and develop a lifelong love of learning.

Support For Schools: Visit Us For Free!

Education is at the heart of the Museum’s mission and for this reason we have made our fantastic Education Programme more accessible and inclusive than ever! Thanks to the generous support of our sponsors Flint Computing and the Royal Air Force (RAF), we are able to offer fully funded places on our Education Programme to schools in deprived areas, as part of a bursary scheme. Are you part of a school that we can help? To be eligible, schools must have 17% or more students in receipt of Pupil Premium Grant. The bursary can be used to cover the cost of accessing our sessions up to the value of £600.00. This will fund up to 50 students visiting the Museum onsite or four Remote Learning Sessions with two expert guides. To secure a place, we ask for a £30 deposit which will be fully refunded on completion of your visit. Find out more today by contacting our Head of Learning and Development at education@tnmoc.org.

Coming Soon in the Digital Futures Programme:

- Social Action Hackathon with Raspberry Pi
- Law, Ethics and Responsible Computing with the National Crime Agency
- Robotics with First Tech Challenge UK

with hands-on hardware sessions designed to build both knowledge and practical skills. Students will explore the various sustainable options available when it comes to replacing devices, with an emphasis on raw materials and practicable solutions. This full day of sustainable events will combine engaging presentations with hands-on workshops. Book Now.
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 heart 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.

Stay Connected: Ways You Can Continue to Support Us

Visit our Online Shop: From limited edition commemorative framed prints to expert-informed Computing literature, DIY electronics kits and a plethora of unique branded TNMOC products, our new Online Shop has something to suit everyone. Shop Now.

Adopt an Artefact: Put your name next to one of our extraordinary artefacts! As standard, your adoption package will include a personalised handwritten certificate, a specially selected exclusive gift and a free visit to the Museum – the perfect gift for a tech or history fanatic! Find Out More.

Volunteer with Us: The National Museum of Computing seeks enthusiastic volunteers to assist in a diverse range of roles. We warmly welcome people with all skills and interests and treat all our volunteers as individuals; we will endeavour to find you a volunteer role and mentoring that meets your skills, preferences and time commitments. Find Out More.

Located on Bletchley Park as an independent museum, The National Museum of Computing (TNMOC) brings to life the history and ongoing development of computing for the enjoyment and benefit of the general public and specialists.

The Museum combines a distinctive approach to engagement with an emphasis on British computing heritage and ongoing innovation. TNMOC acquires, conserves, restores and rebuilds historic computing machinery. The Museum’s approach is furthered through a process of engagement, with the display and demonstration of historical systems. The Museum runs a highly successful Education Programme for schools, colleges and universities and introduces foundational STEM skills and topics to young people, inspiring the next generation of computer scientists and engineers. The Museum also runs a popular, ongoing programme of festivals, lectures,

Our Education Sponsors: 2021 - 2022:

Conserve, Engage, Educate.