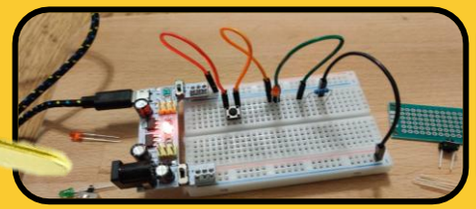
Chips in LEDs
Research of mic

Chips in Schools

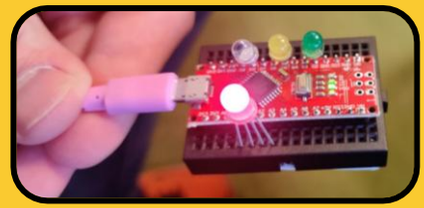
a Junior IOT series of STEM workshops for Chips and Microelectronics

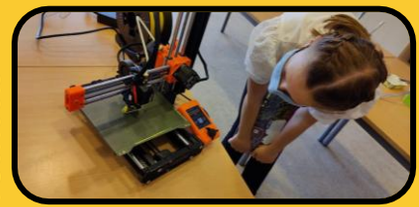
Workshops around STEM and technology including hardware, software and engineering skills.



A hands-on approach for technology inspiration in primary, secondary, and advanced education.

Junior IOT experts teach the workshops to students, and teach-the-teacher sessions to the teachers.





- Electronics & Soldering
- 3D Design & 3D Printing
- Building & Programming
- Chips in Schools (new)

‘Chips in LEDs’ for an ‘inside view’ into the chips production pipeline.

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Join us in boosting the next generation’s passion, bringing technology to EU schools.

An early activation to create a sustaining impact

Delivered across primary and secondary schools, our hands-on workshops create a powerful and personal engagement with the technology skills that will drive the modern chips sector.

Fun and inviting technology workshops

The work style of Junior IOT is created around sustained, curiosity-driven technological engagement. The workshops are so exciting that students and educators just do not want to stop!

Hardware, software and engineering

Our accessible workshop series begins with Soldering & Electronics, expanding into hardware, software and engineering skills, directly addressing the urgent Skills Gap.

Chips and Microelectronics

Our new 'Chips in Schools' series launches with the 'Chips in LEDs' workshop, offering students their first hands-on introduction into the world of semiconductor technology.

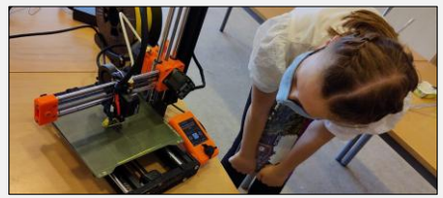
Electronics & Soldering

Learners are guided to learn from each other, after their first soldering connection.

This enables them to create their own inspiring electronics creations.

3D Design & 3D Printing

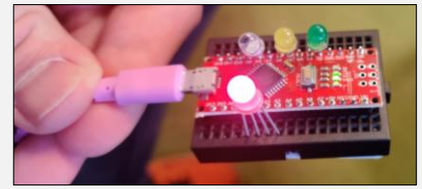
We introduce design and prototyping skills using TinkerCad or SketchUp Web.



Students work together to use the 3D printer and to discover and grow their own engineering skills.

Building & Programming

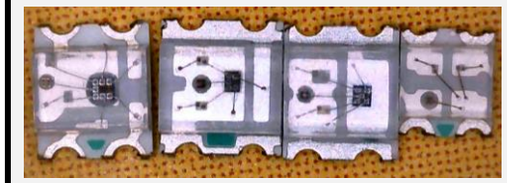
Our programming workshop builds on skills and hardware components from earlier sessions.



This strategically enables confidence in the schools to build their own projects.

Chips in Schools

Junior IOT launches this new series to discover Chips and Microelectronics.



Starting with 'Chips in LEDs', learners engage with chips at microscopic scale, gaining an 'inside' view of the chips production pipeline.

Junior IOT

Discover technology together

Invitation for strategic partnerships

Join us in empowering the next generation's passion for chip technology and strengthening the EU Talent Pipeline. We invite partners to join in the co-development of new workshops and provide funding for our series across EU schools.

Our mission

Our mission is to inspire young people for technology. We train our crew to execute our workshops in your schools, and provide schools with tools, materials and teach-the-teacher sessions.

Connect with Junior IOT

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