



## CODING FROM **SCRATCH**

### TEACHER TRAINING - 8-11 AGE GROUP

Are you the teacher or parent of children aged between 8 and 11? You would like to share basic skills with your children in an interactive and playful way? This workshop and its online version on openSAP is for you – even if you've never written a line of code in your life!

We are surrounded by modern digital technology. Much of the technological change has been driven by young people, and their creativity has never been more influential. Facebook, Google, and Youtube were started by people in their teens and twenties. Many jobs of the future will be in information technology, underpinning so many other sectors such as agriculture, tourism, telecommunications, and financial services.

The workshop and online course are based around Scratch, a popular system adopted by millions of young learners worldwide as it fosters youthful curiosity, promotes creativity, and provides a basis for lifelong programming learning. You'll be truly amazed at how fast your children get up to speed with coding skills using this fantastic learning tool!

This course is part of the Digital Skills for Today initiative, which aims at empowering youth with the coding skills they need to thrive in the 21<sup>st</sup> century workforce and become key actors of the global knowledge economy.



“ I learned how to fly a hot air balloon when I was 30,000 feet up and my life was in the balance: you can learn skills at any age but why wait when we can teach everyone to code now? Whether we're fighting climate change or going to space, everything is moved forward by computers, and we don't have enough people who can code. »

**RICHARD BRANSON, FOUNDER OF VIRGIN GROUP**

**CODING IS A NEW LANGUAGE. EVERY CHILD DESERVES TO BE FLUENT.**

## CODING IS A CROSS-CURRICULAR SUBJECT

Once you master the basis and start coding, you can leverage this to start solving a variety of problems from virtually any other subject.



## PHYSICAL WORKSHOPS

Please [visit our web site](#) to locate an event nearby.

## ONLINE COURSE

If you can't make it to a physical workshop, or if you would like to further your skills, you can take the 'Teaching programming to young learners' course online on openSAP. This course consists of 4 video lessons. After each video, you can take a short self-test to see if you have understood everything. If not, you can go back and watch the video again. There also some exercises to help you design and create your own computer game.

- Available in self-paced mode.
- Target audience: Parents and teachers of children aged 8-11 years.
- Effort: about 4 to 6 hours of your time
- Final exam & record of achievement: no
- Languages:
  - English - <https://open.sap.com/courses/acw1-3>
  - French - <https://open.sap.com/courses/acw1-3-fr>



## PREREQUISITE

- There are no technical requirements for the workshops. Previous computer experience is not necessary.
- For the online course, you will need access to a computer and an internet access. Even if you do not have a fast internet connection, you can download all content and the Scratch system and work offline.
- All workshops and online courses, as well as the Scratch system are completely free-of-charge.