



Computer Science Education

Ensuring every student has the opportunity to learn computer science

Google's [Educator Grants](#) and [Europe Code Week Grants](#) support the development of new training programmes for teachers and efforts to increase access to quality computer science education, so that all students can build the skills they'll need for the future, including coding, problem solving, creativity, and teamwork. We are proud to announce our awardees for 2019.

Awardees 2019

Country	Organisation Name	Project Summary
Belarus	Public institution of education "Negorelskaya secondary school N°1"	"Time to code" - an initiative for rural preschoolers and schoolchildren, to learn in a playful way the basics of programming and digital technologies.
Belgium	Open Collective Brussels	"CodeNPlay" trains kids from 7 to 12 years old to digital skills, with a strong focus on a progressive curriculum into primary schools.
Belgium	ImpalaBridge	"ImpalaBridge" provide guidance and support for teachers on how to use technology effectively in the classrooms in delivering their curricula.
Bulgaria	High School of Mathematics and Science "Prof. Emanuil Ivanov"	"Google & PMG_KN" - coding lessons for beginners.
Croatia	NGO Partners In Learning	"Learn how to code and have fun" - an opportunity to get familiar with programming basics and new IT technologies, such as robots and microbit computers, through interesting workshops.
Croatia	Croatian Robotic Association	"Code Kids Croatia 2019" - help underrepresented minorities, socioeconomically disadvantaged, and special needs students learn about computer science and to initiate programming workshops in many Croatian elementary schools.
Croatia	Institute for Youth Development and Innovativity (IRIM)	CS PD workshop for school teachers.
Cyprus	Retro Computing and Gaming	A series of workshops including local "hub" seminars and online e-learning platform for teachers. - and - "The Role of Women in Computer Science" - through interactive activities, students will learn the role of women such as Lady Ada, Margaret Hamilton, Grace Hopper (among others) and engage in introductory programming activities.
Czechia	Gymnazium Kladno	"Let's CODE!" - coding workshops for kids (8-18 year olds)

Estonia	Rakvere Realgymnasium	“Tomatoes and evil Martians” - The aim is to bring coding, robotics, engineering and digital literacy to everybody in a fun and engaging way. It is important to raise awareness about 21st century skills (creativity, problem solving and collaboration through programming) .
France	Université de Nantes / ClassCode	A new online course in CS for school teachers in France.
France	Université de Lille	Teacher resource project to support pre-service and in-service teachers.
Germany	Leibniz Gymnasium Dormagen	“Safe communication with quantum cryptography” - program an app for transferring digital keys via a line secured by Quantum cryptography.
Germany	Friedrich-Alexander-University Erlangen-Nürnberg	Debugging in the classroom.
Ghana	Prestige Research	Train-the-trainer programme to support CS teachers.
Greece	InterMediaKT	“Patras Junior Codecamp 2019” aims to introduce the fascinating world of coding and technology to students.
Greece	WRO Hellas	CodeAthon: Upgrade the game and play! - non-competitive hackathon that focuses on the Scratch programming environment and addresses teams of students 8-16 years old from all over Greece.
Greece	University of Patras	An online course in CS for school teachers and their students.
Hungary	Egri Balassi Bálint Általános Iskola	RoboSchool -aim to raise students’ interest in programming.
Ireland	MakerMeetIE	CS on the Road! - taking a broad range of equipment on the road to introduce students to the wonders of CS.
Ireland	St. Joseph’s Secondary School Rush	Farming on the Moon - Using coding, robotics, and ingenuity; Transition Year students will be working alongside primary school students to develop a habitat suitable for plant life on the Moon.
Ireland	St. Brigid’s National School	Inclusive Rural Coding - Inclusive rural coding workshops for pupils in rural areas.
Ireland	TU Dublin - Tallaght Campus	A series of hands-on, interactive computing camps in schools across Ireland, including training for teachers.
Ireland	University of Limerick	Workshops in Computational Thinking for pre-service teachers.
Ireland	Letterkenny Institute of Technology	Digital citizenship and the CS curriculum in Ireland.
Israel	Loop	“Looping it forward” - introduction to computer science for girls and underrepresented groups.
Italy	Associazione DSchola Le scuole per le scuole	MegaCoder+ -STEM event addressing young kids from elementary and middle schools.
Italy	WeSchool (Oilproject Srl)	A free online course in digital teaching and coding for K-12 school teachers in Italy.
Italy	Università degli Studi di Milano	Promoting Bebras tasks as a resource for teachers in Italy who do not have any formal education in informatics.

Italy	Università di Torino	An online course in educational robotics for teachers in Italy.
Latvia	Go Beyond	A unique opportunity for children aged 9 - 14 to use code and create visualization for a music video of a well known Latvian musician.
Mali	COGIQUE Education	CS PD workshop for school teachers.
Netherlands	Stichting VHTO	Multiple DigiVita-Code events throughout the Netherlands, in collaboration with libraries, coderdojos, universities and the start-up community of the Netherlands.
Netherlands	de Bibliotheek Eemland	Science Weekend: Music machines - workshop which teaches librarians to help children take their first steps into the world of computer sciences using BBC's micro:bit.
Nigeria	Young Elites Educational and Training Services	CS PD workshop for pre-service teachers.
Nigeria	Online Hub Educational Services	CS PD workshop for secondary school teachers.
Poland	Warszawska Wyższa Szkoła Informatyki	A set of educational resource materials and online platform for teaching CS in Poland.
Poland	Fundacja Girls Code Fun (Girls Code Fun Foundation)	CS PD workshop for school teachers - and - Digital Maker Girls - project aimed for girls 8-15 with the intention of encouraging girls' interest in technology and computing, reminding them that technology is fun!
Romania	The National Association of Public Librarians and Libraries in Romania	3D Printing Challenge in Libraries - Innovation and Tech Practice for Students
Romania	Associata Techsoup	Build and scale the first CS blended learning course on Scratch in Romania.
Romania	Uniunea Profesorilor de Informatica din Romania	Online professional development course, to include 60 lessons, for CS teachers in Romania.
Serbia	Association of Serbian Professors of Informatics	Girls and Boys, Lets Go CODING for your future - aim is to develop logical and computer thinking skills in female students, fundamental principles of programming in order to continue their studies at one of the IT universities as a continuation of their education.
Slovakia	Learn2Code	Code Week 2019 with Learn2Code - teach algorithmic thinking, principles of programming and game design in the Scratch environment and in Scratch-like environment in a playful way.
Slovakia	Gymnázium J. Francisciho-Rimavského	enviRObot - computational thinking and coding workshops for kids.
Slovenia	Digital Innovation Hub Slovenia	EduLabs for CS SuperStars - a national initiative of bringing coding mindset into every school and local community with the help of FabLabs and their mentors.
Spain	Fundació URV	European Code Week URV 2019: STEM attitude!

Turkey	100th Year Primary School	Code Four Your Future
Ukraine	MagneticOne.Org	Conducting free visual-programming workshops within the framework of the European Week of Code. A course for children with disabilities called "Programming Together"
United Kingdom	University of Birmingham	An online course for primary, secondary and pre-service teachers.
United Kingdom	University of Wolverhampton	PD workshops community of practice and CS MOOC for teachers.
United Kingdom	University of Reading	PD program and CS learning activities for teachers to use with young people with special educational needs.
United Kingdom	Fulford School	A series of interactive online computer programming tutorials for teachers and students.
United Kingdom	Cheshire East Council	Code:SHIFT - Cheshire East Libraries Takeover for EU Code Week
United Kingdom	Creative Computing Club CIC	Creative Computing Club Europe Code Week
United Kingdom	STEAM Co.	Co Co Code Day - crash course in the background to and importance of coding in an all school assembly and four hands on workshop activities for primary children.