THE CODE CLUB FAMILY

OUR MISSION

We are a not-for-profit who believe that all children should have the opportunity to learn to code. We run after school coding clubs and training for teachers, and we share our projects with the rest of the world.

WHAT WE DO

We've already given over 30,000 children in the UK the chance to code, at free after-school Code Clubs.

We've shared our materials with the world and helped national leaders in 5 countries start their own Code Club movements. There are over 300 clubs outside the UK to date.

We're training UK primary school teachers in the new computing curriculum. We find programmers and computer science experts to share their expertise with local primary school teachers and children.

WHY WE DO IT

We think children should learn programming skills that will be useful to them in their future hobbies, schooling and career.

The new curriculum expects primary school teachers to teach coding from 5yrs+. Most teachers don’t know how to code and they could use our help.
OUR TEAM

Clare Sutcliffe  Co-founder and CEO  
Craig Thomas  Wales Coordinator  
Daisy O’Reilly-Weinstock  Head of Funding  
Greg Annandale  Developer  
Heather Alexander  Operations Assistant  
Jess Duncan  Community Manager  
Jonic Linley  Developer  
Katherine Childs  East Midlands Coordinator  
Laura Kirsop  Head of Code Club UK  
Lauren Hyams  Head of Code Club Pro  
Lauren Summers  North East Coordinator  
Linda Broughton  Yorkshire & Humber Coordinator

Liz Smart  North West Coordinator  
Lorna Gibson  Scotland Coordinator  
Lyndsey Britton  North East Coordinator  
Martin Evans  Scotland Coordinator  
Michael Mentessi  Community Manager  
Rik Cross  Head of Education  
Ros Williams  Operations Assistant  
Sarah Sheerman-Chase  Producer  
Seemah Nahome-Burgess  South West Coordinator  
Sophie Deen  Head of Code Club World  
Una McDermott  Northern Ireland Coordinator

AWARDS IN 2014

The Europas Award for Greatest Tech Influence On Society 2014  
Digital Leaders 100 Award for Education Product or Service  
Observer New Radicals 2014
PARTNERS AND SUPPORTERS

A huge thank you to all our partners and supporters for helping us this year.

SELECTED PRESS

Code Club opens up its coding-for-kids projects for UK parents and teachers
(The Guardian, 14 March 2014)

Code Club reviews their VIP patron
(Newsround, 22 March 2014)

Google to fund training for 1,000 primary teachers to teach computer coding
(Daily Express, 23 Sept 2014)
CODE CLUB IN THE UK

GROWTH

During 2014, Code Clubs have been created in a further 750 schools in the UK, bringing the total number to 2150. We’re working hard to ensure children from all regions and backgrounds have access to Code Club - at the moment the regions we’re strongest in are the North West, East Anglia, London and the South East.

With an average of 14 children per club, Code Club is currently reaching around 30,000 children -- including 12,000 girls. We hope these girls will continue their Computing journey in secondary school and that this will help close the GCSE and A-Level Computing gender gap.

![Map of the UK showing Code Club locations.](image)

**OUR IMPACT**

Our volunteers report that just 35% of children in Code Clubs have prior programming experience. After completing the first set of Scratch projects volunteers report confidence boosts:

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<thead>
<tr>
<th>Confidence with:</th>
<th>40%</th>
<th>5%</th>
<th>10%</th>
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<tr>
<td>Variables</td>
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<td>Conditional statements</td>
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<td>Broadcasting and events</td>
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<td>Bug fixing</td>
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The children love it! They are very enthusiastic and experiment well. It’s the highlight of the week for many of them and they feel quite important and proud that they are learning ‘real computer coding’!

Volunteer, Leeds

“The club is a success! The children are proud of their achievements and have become more independent.”

Volunteer, Essex

We are working with the University of Roehampton to evaluate the impact that our clubs are having on children’s skills and motivation to learn programming -- an Impact Report will be published in December 2015.

OUR CURRICULUM

We made our projects publically available in March 2014 so that parents and children the world over can easily access our materials. Since then they have been viewed over 40,000 times.

We have also improved and expanded our curriculum materials; a new “challenge based” pedagogy has been established and new materials have been produced for learning Python and Scratch.

“I particularly like the challenges, as I feel these reinforce the concepts.”

Volunteer, St. Albans

“As a model of learning it has a fantastic curve, and the group has a great relationship in terms of supporting each others learning. I can’t recommend it enough!”

Volunteer, Devon

HARDWARE, HUBS AND STAR CLUBS

Thanks to Google RISE we were able to give away 900 Technology Will Save Us DIY Gamer Kits to clubs all over the UK. Every kit was snapped up by our clubs within 24 hours. The lucky clubs have been building their own games console using Arduino and learning to program it with the materials we developed.

We have been working with Samsung to open Regional Hubs throughout the UK - starting with the North West and London with further hubs opening soon in Newcastle, Cardiff and Birmingham. They will host a regular club along with volunteer training sessions that we are planning for 2015.
We are establishing a network of Star Clubs all over the UK chosen as models of good practice and, most importantly, to offer an insight for local people interested in volunteering. By observing clubs in action and talking to our existing volunteers, we’re hoping new volunteers will have the confidence to get started.

EXPANDING OUR VOLUNTEER BASE

This year we’ve held 30 meet-ups up and down the UK where we’ve brought together volunteers and schools that are currently involved and welcomed newbies into the family. We’ve been lucky to have the part-time help of newly appointed Regional Coordinators who have been organising the events, to both support and grow the Code Club community in their area.

We’ve also had the fantastic support of a number of councils, companies and universities who have committed to increasing the number of children with access to a Code Club in their area by spreading the word to their local schools or encouraging their staff and students to volunteer.

- Bloomberg
- Cambridge University
- Camden Council
- Financial Times
- Islington Council
- Manchester City Council
- Manchester Digital
- Manchester Metropolitan University
- Morgan Stanley
- Nottingham University
- Tower Hamlets Council
- UCL Engineering
- Yahoo
**CODE CLUB PRO**

*Code Club Pro* was set up in January 2014 to provide computer science training and resources to primary school teachers. The new computing curriculum was introduced in England in September and for the first time teachers are teaching computer science to children from five years old. Code Club saw a huge demand for teacher training and new resources.

We want teachers to feel confident, excited and prepared for the new curriculum. In response to this, we created a volunteer-led program to plug the skills gap. We began by producing CPD materials for teachers of KS1 and KS2. We then developed a vetting and induction process for volunteers with computer science expertise. Once qualified, our Code Club Pro trainers arrange and deliver CPD to their local schools. Our website went live in September and there is widespread demand for our training.

**GROWTH**

Code Club Pro has made good progress in 2014. We have 170 Code Club Pro trainers fully qualified, and we've trained up 99 teachers. On top of this, 310 teachers have requested training, and 408 people have applied to become trainers. We secured funding from the Department for Education, and we have received sponsorship for schools training from Barefoot Computing, Accenture and Google.

**WHAT TEACHERS SAY**

“As Computing Co-ordinator at the school it was hugely useful to see others explain that it won’t be the huge, difficult monster to teach that it might have appeared to be when we first got news of the new curriculum.”

Jack Evans, Computing Co-Ordinator, Kingsmead Primary School

“Michael was amazing at making the session fun, exciting and very clear.”

Louise Nichols, Executive Headteacher, Gayhurst Primary School
WHAT TRAINERS SAY

“I signed up for Code Club Pro as soon as I heard about it. The training was very impressive: giving us a thorough grounding in how to run effective CPD sessions in a very hands-on and wide-ranging way.”

Adam Cohen-Rose, Code Club Pro trainer

“I originally volunteered as a way to ‘give back’...What I didn’t expect was that I would gain more from it than perhaps I’ve given! It has also been interesting researching how the younger children learn and how, through Code Club Pro, we can pass on computing knowledge in a way that enables teachers to support their learning.”

Sarah Nicholson, Code Club Pro trainer

OUR MISSION

Our mission is to make sure every teacher has the knowledge, confidence and enthusiasm to teach the new computing curriculum. We are always looking for new partners to work with us to reach as many teachers as possible. If you feel as passionate as we do, and would like to become a trainer, spread the word about Code Club Pro to teacher networks or sponsor a school please email hello@codeclubpro.org
**CODE CLUB WORLD**

*Code Club World* is on a mission is to give every child around the world the chance to learn to code.

We want to help to bridge the digital divide between every nation, whichever stage they are in their development. Emerging nations are at risk of missing out on the many positive impacts that information and communications technologies bring. This includes increased innovation, economic competitiveness and greater social inclusion ([*Global Information Technology Report 2014*](http://example.com)).

**GROWTH**

Code Club World has steadily grown throughout 2014. Following the introduction of the computing curriculum at primary level in the UK, we’ve experienced increasing international interest in our model. We have over 250 clubs in over 50 countries outside of the UK with Code Club communities being created in Brazil, Canada, Hong Kong, Hungary, Israel, Italy, Kenya, Luxembourg, New Zealand, Norway, Poland, Spain, South Africa, Switzerland, Ukraine, and Vietnam.

Some are just starting out, and others have already recorded real progress. *Code Club Brazil* started their network of clubs early in 2014 and has over 45 clubs running across Brazil. *Code Club Australia* has just finished their pilot and have 20 clubs running already.

![World Map of Code Clubs](http://example.com)

**REGIONAL CHALLENGES**

Each country faces different challenges. For example, in Brazil, Felipe Fernandes is running his Code Club in a Rio slum, where there is a lack of awareness around technology.

“I believe that learning code may open a new world of possibilities to [them]. Here, my Code Club is run in a Rio slum called Complexo do Alemão. Historically, the people who live here don’t have many opportunities and don’t even know how technology can transform their lives. Teaching these children to code will empower the future generations of this poor community.”

*Felipe Fernandes, Code Club Brazil*
Volunteers around the world are working hard to translate our projects into many different languages so that we can reach as many children as possible. So far our first set of Scratch projects have been translated into Brazilian Portuguese, Catalan, Dutch, French, German, Italian, Norwegian, Polish, Spanish, Swedish and Ukrainian.

Sophie Deen was appointed Head of Code Club World in November after growing Code Club Pro from scratch. Sophie will focus on international growth and reducing the digital divide.

We are very excited to get the world’s children coding. Wherever you are, if you can help us reach more children then please get in touch with us at hello@codeclubworld.org!
2015 AND BEYOND

CODE CLUB IN THE UK

In the next year, Code Club will accelerate their growth to double the number of clubs in the UK - expanding our team to include full-time Regional Coordinators, partnerships and training roles. We will launch our online training for volunteers to make sure they are prepared and confident to run a club, improve our website and user experience and create lots more exciting projects for children to complete in our clubs.

CODE CLUB PRO

We aim to recruit 200 trainers and support thousands of teachers to have the knowledge and confidence to deliver the new computing curriculum in their classrooms. Every child from five years of age is entitled to computer science in their education and it is our mission - with the passion and commitment of our trainers - for computing to be taught well in every school. We aim to work with 1,200 teachers in 2015, continue to add to our CPD materials and support both trainers and teachers.

CODE CLUB WORLD

We aim to have Code Club communities in 50% of the world’s countries by the end of 2018. That mean 14,250 clubs and 598,500 children learning to code around the world, a big but very worthwhile challenge. We will focus on growing and develop existing Code Club communities in 8 countries. We will share our model, recruit country leaders, help to develop growth plans, and offer advice support to help each country to grow their community.

HOW YOU CAN HELP

Code Club is a community grown, grass-roots movement that relies on amazing people who want to help. If you share our aim of giving more children the chance to learn to code and can help, we’d love to hear from you. Please get in touch at support@codeclub.org.uk.