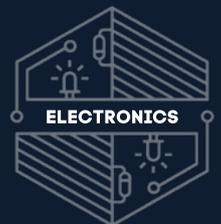


CMTLEARNING

CODING CAMPS

POWERED BY **firetech**



RESIDENTIAL TECH+ENGLISH CAMPS // SUMMER 2018



We've partnered with Fire Tech, the UK's leading provider of tech education for young people, to bring you two 6-night residential coding camps and a 13-night residential camp with English language lessons. Advanced or fluent English speakers can choose a 6-night Python coding camp.

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PROGRAMMING THE FUTURE

As technology advances we need to learn to make it, not just to use it. Many of the jobs that will be on offer to children in the future haven't been invented yet. Technology is the reason for that. Schools have recognised this with the introduction of coding lessons, but to really get ahead we need to create and inspire the next generation of designers, engineers and independent thinkers.

Our mission is to help children get the most out of their summer holidays with our summer camps. Although we usually do this through sport, we believe coding and English is also a winning combination. By fuelling kids' interest in technology, we can inspire the innovators of the future and teach them so many other valuable skills: creativity, design thinking, planning, problem solving, communication and collaboration - to name a few.

CODING + ENGLISH

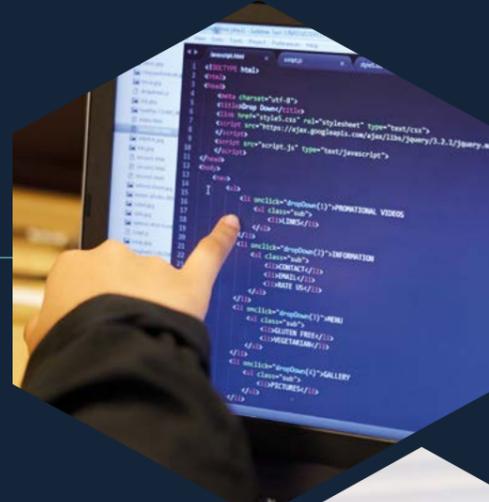
Code is written in English all across the world - so if you want to learn to code, no matter where you're from, English language is essential. All Fire Tech's coding tuition is done in English, taking learners through the programme at a pace that's suited to their language level and maximises their understanding of both coding and the English language. They also benefit from being supported by their classmates, learning to collaborate with students from across the world.

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ABOUT FIRE TECH

Fire Tech teach in small groups of 8:1. Their tutors are university computer science students, PhD students, teachers and industry professionals chosen for their ability to inspire, encourage and support students. Fire Tech have been delivering coding camps to young people since 2013 with great success. They're experienced in teaching code to students with English as a second language, and have designed these programmes specifically with those students in mind.



CHOOSE FROM FOUR CAMP TYPES

- Robotics + English
- Coding Games with Java + English
- Coding Games with Java + Robotics + English
- Teen Python Coding

AT TWO VENUES

- Ardingly College
- Lancing College

WHAT'S INCLUDED

- 15 hours of coding per week (30 hours on Teen Python camp)
- Full board accommodation at Ardingly or Lancing College
- 15 hours of English language lessons per week (excludes Teen Python camp)
- Completion certificates for coding and English with individual tutor and teacher feedback
- 24/7 on-site male and female welfare support staff
- Excursions to major cities and attractions in the south of England
- Fun-packed evening activities programme
- Fire Tech t-shirt
- Student medical insurance



FOUR CAMP OPTIONS

[1]

ROBOTICS + ENGLISH

6 nights. For 12-17 year olds with B2 level English or higher. All equipment provided.

Students work together in small teams to master VEX IQ robotics challenges while learning to code in the C-based programming language ROBOTC. Students get to grips with engineering and coding by mastering robotic builds with Fire Tech tutors. Designing and building their robots using competition-grade VEX IQ kits, students then programme them in the RobotC language. Students work in teams of two and put their robots to the test in friendly competitions to see whose build can perform best in range of challenges. There are 8 students per class who get to take home a certificate with personal tutor feedback, and a Fire Tech t-shirt.

[2]

CODING GAMES WITH JAVA + ENGLISH

6 nights. For 12-17 year olds with B2 level English or higher. Requires own laptop.

Students learn the Java programming language by building an original video game. Fire Tech use the Greenfoot tool to facilitate building and de-bugging programmes, providing immediate visual feedback as students explore object-oriented programming. During the first part of the course, students work with expert Fire Tech instructors to master key computing concepts as they build a model game. In the second half of the course they're coached and supported as they create their own original game.

[3]

COMPLETE CAMP [1] AND CAMP [2] IN ONE GO!

CODING GAMES WITH JAVA + ROBOTICS + ENGLISH

13 nights. For 12-17 year olds with B2 level English or higher. Requires own laptop.

Stay for 13 nights and take one week of Coding Games with Java + English and one week of Robotics + English. 13-night campers benefit from an extra excursion to London on the middle Sunday of the camp, including a visit to the Science Museum and the chance to spot famous landmarks such as Buckingham Palace.

[4]

TEEN PYTHON CODING

6 nights. For 13-17 year olds with C1 level or fluent English. Requires own laptop.

Python is one of the world's most popular programming languages. This foundation course covers computer science and coding fundamentals. Students build the confidence and skills to code independently using the tools and resources available to them. While the course is aimed at beginners, it's also useful for those who have started to learn Python but have some gaps in their fundamental skills and understanding. Students will work on a range of computing concepts: loops, variables, conditionals, functions, using libraries and building GUI interfaces. Each concept is reinforced with independent mini-projects.

ENGLISH LESSONS

Based on the CLIL model of English learning used in top schools worldwide, our customised English curriculum is designed to accelerate learning with the help of a fully-immersive English environment. Professional and dedicated English teachers live on site and classes are run using a combination of traditional classroom techniques, active participation and projects based on tech-related topics. An entry test groups students by age and ability at the start of the week. With an average of 12 per class, students get excellent individual feedback, including a written report and completion certificate to take home.



A TYPICAL DAY

- [07:30] Wake up
- [08:00] Breakfast
- [09:30] Coding class
- [12:30] Lunch
- [14:00] English
- [17:00] Free time
- [18:00] Dinner
- [19:00] Activities
- [20:30] Downtime
- [22:00] Lights out

EXCURSIONS

Portsmouth Historic Dockyard + Shopping

Camps starting 2nd and 15th July
Students enjoy an interactive tour of HMS Victory, the impressive flagship of Lord Nelson in the Battle of Trafalgar before heading to Gunwharf Quays, the south coast's leading designer outlet shopping centre.



Escape Room and Brighton Pier

Camps starting 9th and 23rd July and all 13-night camps

Students use their newly learnt logic skills to work in teams to unlock the mystery of the escape room before spending the afternoon enjoying the rides and amusements of Brighton's classic seaside pier.

London and Science Museum

13-night camps only

Students will spend the morning exploring London's world famous science museum before taking a guided walking tour of the city to see iconic landmarks such as Buckingham Palace and the Houses of Parliament.

ARDINGLY COLLEGE

Located in an Area of Outstanding Natural Beauty in Sussex, Ardingly College is a leading private school in England. Conveniently situated 20 minutes from Gatwick Airport, halfway between London and Brighton, Ardingly has extensive academic facilities set in 230 acres of stunning school grounds.

[GOOD TO KNOW]

Facilities

- // Free WiFi
- // On-site camp shop
- // Laundry facilities
- // Sports facilities
- // Swimming pool

Accommodation

Purpose-built boarding houses with common rooms, single and shared bedrooms with shared bathrooms.

Meals

3 nutritionally balanced meals a day and an evening snack, including vegetarian options. Specific dietary requirements can be catered for.

Transport links

- // Gatwick Airport (21km)
- // Heathrow Airport (79km)

Airport transfers are available from Gatwick and Heathrow airports. We can also provide visa support letters if required.

[DETAILS + DATES]

6-night camps

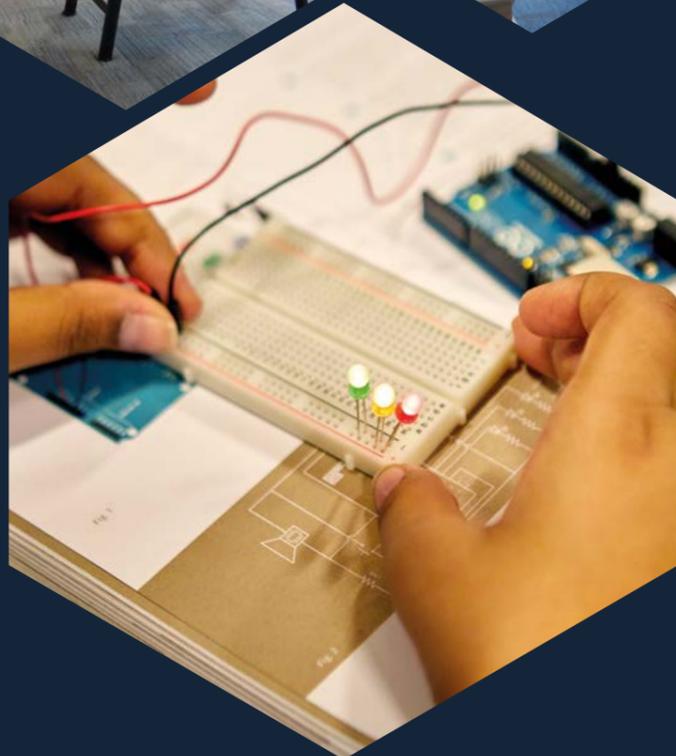
- // Robotics + English
- // Coding Games with Java + English
- // Teen Python Coding

Dates: 2-8 July | 9-15 July

13-night camps

- // Coding Games with Java + Robotics + English

Dates: 2-15 July



LANCING COLLEGE

Spectacularly situated high on a hill overlooking the sea, Lancing College is one of Britain's great private schools. The college is just 15 minutes from the historic sea-side town of Brighton. Founded in 1848, Lancing College has developed an international reputation for academic excellence.

[GOOD TO KNOW]

Facilities

- // Free WiFi
- // On-site camp shop
- // Laundry facilities
- // Sports facilities
- // Swimming pool

Accommodation

Boarding houses with common rooms, single and shared bedrooms with shared bathrooms.

Meals

3 nutritionally balanced meals a day and an evening snack, including vegetarian options. Specific dietary requirements can be catered for.

Transport links

- // Gatwick Airport (49km)
- // Heathrow Airport (107km)

Airport transfers are available from Gatwick and Heathrow airports. We can also provide visa support letters if required.

[DETAILS + DATES]

6-night camps

- // Robotics + English
- // Coding Games with Java + English
- // Teen Python Coding

Dates: 16-22 July | 23-29 July

13-night camps

- // Coding Games with Java + Robotics + English

Dates: 16-29 July



CAMP DETAILS AT A GLANCE



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[1]

ROBOTICS + ENGLISH

// 12-17 year olds
// Min. B2 English
// 6 nights

Excursions
Portsmouth
or Brighton

Ardingly College

2-8 July
9-15 July

Lancing College

16-22 July
23-29 July

[2]

CODING GAMES WITH JAVA + ENGLISH

// 12-17 year olds
// Min. B2 English
// 6 nights

Excursions
Portsmouth
or Brighton

Ardingly College

2-8 July
9-15 July

Lancing College

16-22 July
23-29 July

[3]

CODING GAMES WITH JAVA + ROBOTICS + ENGLISH

// 12-17 year olds
// Min. B2 English
// 13 nights

Excursions
Portsmouth, Brighton
and London

Ardingly College

2-15 July

Lancing College

16-29 July

[4]

TEEN PYTHON CODING

// 13-17 year olds
// Min. C1 English
// 6 nights

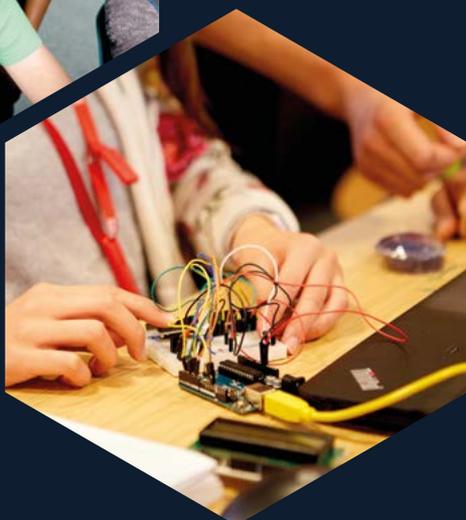
Excursions
Portsmouth
or Brighton

Ardingly College

2-8 July
9-15 July

Lancing College

16-22 July
23-29 July



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Authorised agent