



Teach the next generation of coders

Discovery Education Coding – computing made simple!

Discovery Education Coding provides complete support for teaching coding in primary schools.

Students will gain a secure understanding of coding concepts like algorithms, sequences and variables, as well as developing computational thinking skills through decomposition, logical reasoning and problem solving. And best of all: students and teachers alike will be able to demonstrate their creativity by creating their own apps and sharing them with their classmates and colleagues!

“It’s really important that children get to grips with coding – it’s an important skill for the future, so it’s great that our students enjoy Discovery Education Coding so much.”

JEANINE MILLER

Teacher

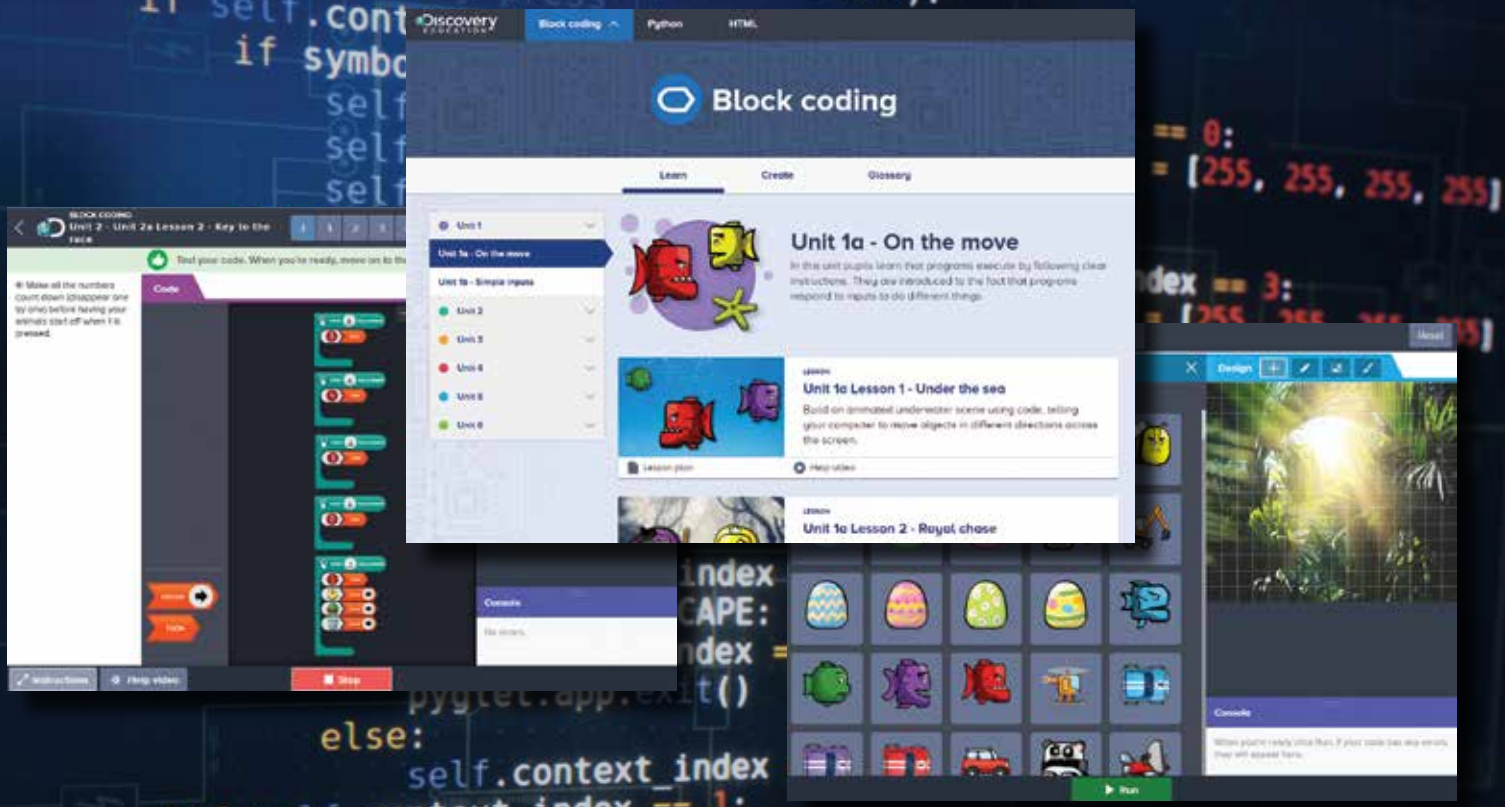
All Saints Primary School,
Manchester, United Kingdom



ACCESSIBLE FROM ANY DEVICE
In Any Instructional Setting

To date, over 3.4 million apps have been created, saved and shared, illustrating how easy it is for teachers to implement in the classroom.

www.discoveryeducation.co.uk



Six reasons educators are using Discovery Education Coding

1 Over 100 step-by-step lessons in block coding, HTML and Python.

Students initially learn how to code using visual blocks enabling them to master key coding concepts without having to worry about getting the precise code/syntax right. Once their confidence grows they can then progress onto the more traditional programming languages.

2 Realistic programming challenges.

The contexts used throughout are interesting and motivating for students with a tangible output at the end of each lesson, e.g. programming your own racing car.

3 Scaffolded learning support.

With code validation built in, a 'Console' area to help students identify any mistakes they've made, and step-by-step progression, students are fully supported in their learning.

4 Teacher support resources and comprehensive lesson plans.

Explanatory videos help make complex concepts simple and provide visual illustrations and examples of what students need to achieve in each lesson while detailed lesson plans provide guidance for non-specialist teachers, and creative ideas for lively and motivating activities to start and end your lessons with.

5 Open-ended challenges and free code opportunities.

There's plenty of opportunity for creativity, with open-ended activities at the end of each lesson to stretch students and challenge them to come up with their own ideas, adding new objects and actions to those they've used in lessons. The free code area takes students even further and allows them to write their own entirely new code using the library of coding blocks available.

6 Debugging lessons.

Help students to build resilience as they persevere to find the source of problems in their code. Our debugging lessons require students to think through and experiment with different solutions to a problem, essential skills whatever career they end up in.