



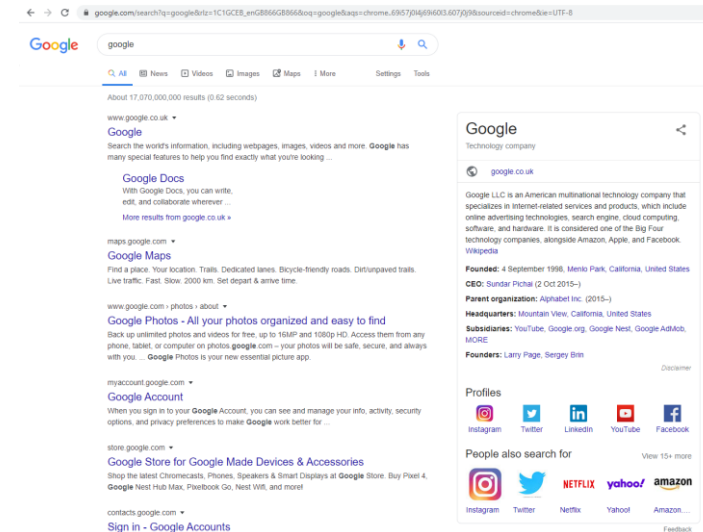
DIGITAL LEADERS
CODING COFFEE MORNING

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WHAT IS CODING?

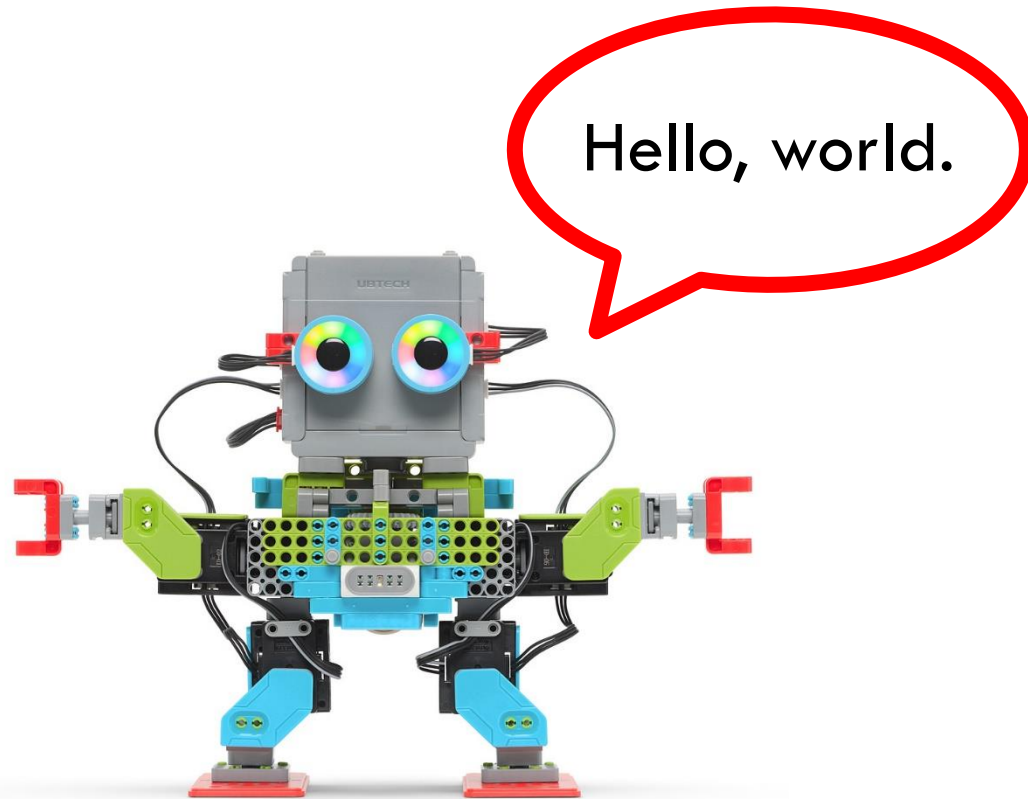
Computer code is very important. Almost every electronic device you use relies on code. Codes like this are the reason you are able to use websites, apps and games

```
0X 60 01 00 84
0X A4 01 01 00
0X 60 02 00 00
0X 60 03 00 04
0X 60 04 00 00
0X 60 05 00 01
```



People who make code are called programmers, coders or developers. They all work with computers to create websites, apps, and even games! Today you'll learn what code it, what it is for, and how to support your children with coding at home.

Here is an example of what coding can make the robot do:



1. You **write code** to tell it what to do: **print** (“**Hello, world**”).
2. The code is **compiled**, which turns it into machine code the computer can understand.
3. The computer **executes** the code, and writes **Hello, world** back to us.

WHY ARE WE TEACHING CODING?

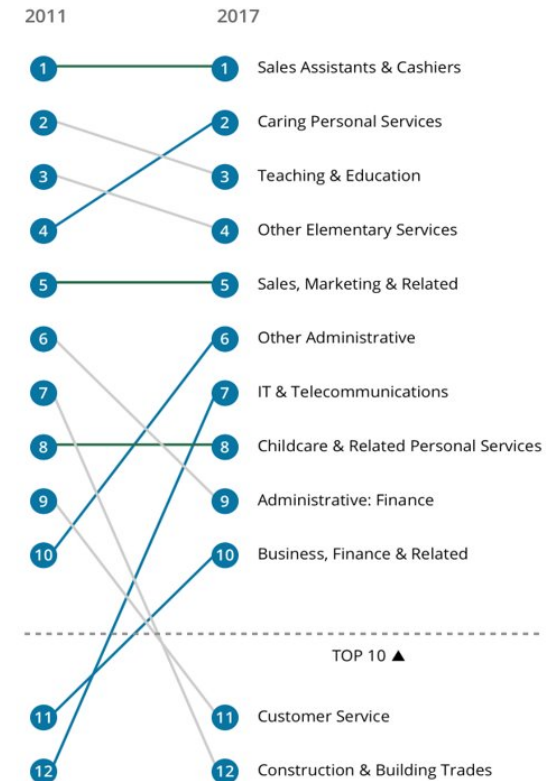
Our teachers teach us coding so we are ready for our future jobs.

We are taught coding because in the future we might want to create our own website or games.

**Top 10 jobs in which
22-29 year olds
work**

“65% of children entering primary school today will ultimately end up working in completely new jobs that don’t exist yet...”

“85% of jobs that will exist in 2030 haven’t been invented yet.”



HOW DO OUR TEACHERS TEACH CODING?

The teachers teach coding by showing you how to code using different programmes. They then give you the opportunity to create your own codes.

They tell you which programme to use and how to use it for example:

Beebots



Scratch



Purplemash



Espresso



These programmes help us to experience coding from nursery to year 6

These programmes can be downloaded as an app and used at home with our parents

NOW IT'S YOUR TURN TO HAVE A GO AT CODING...

Beebots



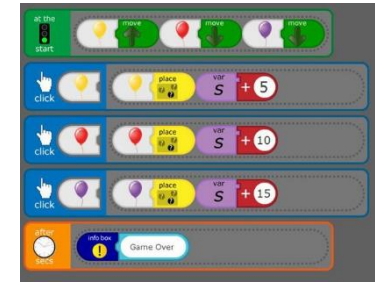
Scratch



Purplemash



Espresso



Our Digital Leaders will help support you and answer any questions you may have



HOW TO SUPPORT YOUR CHILD AT HOME

Talk to your child's teacher about the current ICT topics they are learning about.

There are many apps that we use at school, that you can also be used at home on an iPad, tablet, laptop or phone.

Beebot app:



Scratch Jr app:



Purplemash app:



