



HOME LEARNING

Subject: ICT

Teacher: Miss Jenkins

Learning Objective: Do an Hour of Code

DIGITAL LITERACY is about developing your understanding, skills and use of technology in our Digital World.

The jobs that you have in the future will need some form of digital literacy even if you don't choose to go into Technology or Computer Science.

Digital Literacy includes being able to USE:

- A web browser
- Teams and other Cloud Software for home learning
- Answering emails
- MS Office software – Word, Excel, PowerPoint

Even knowing how to use Social Media can be a skill for the future.

In addition to being able to **USE** technology, being able to **CREATE** – be it a website, social media page or a phone app - can be a good skill to have. Being a coder or programmer (same thing – interchangeable words) means creating instructions that a computer will understand – they **DO** speak a different language!

All the technology we use has to be coded by someone – it could be YOU. If you love gaming – you could be a creator – a game developer!

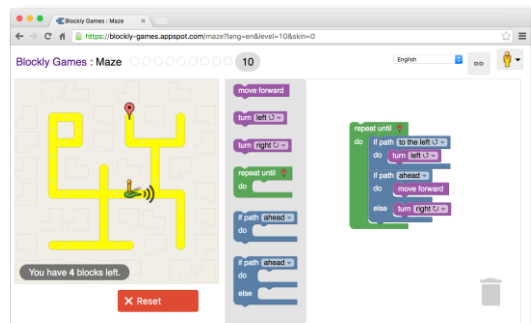
When coding, there are lots of different languages to learn. One of the ways to start is to use a **BLOCK PROGRAMMING** software such as



SCRATCH

<https://scratch.mit.edu>

BLOCKLY <https://blockly.games>



They are visual and use 'drag and drop' to place blocks together and build programs.

Don't think that this isn't real coding, you're creating instructions in the background (using a language called JAVASCRIPT) that you can't see, and it's **FUN** and pretty straightforward which is great – while teaching coding techniques.

You can **BUILD** on this visual programming and move towards text-based coding in the future.

TASK

Try some of these one hour tutorials at <https://code.org/hourofcode/overview> which uses BLOCK programming (BLOCKLY).

Hour of Code Introduction: <https://youtu.be/bQilo5ecSX4>



Dance Party

Featuring Katy Perry, Shawn Mendes, Panic! At The Disco, Lil Nas X, Jonas Brothers, Nicki Minaj, and 34 more!



Minecraft

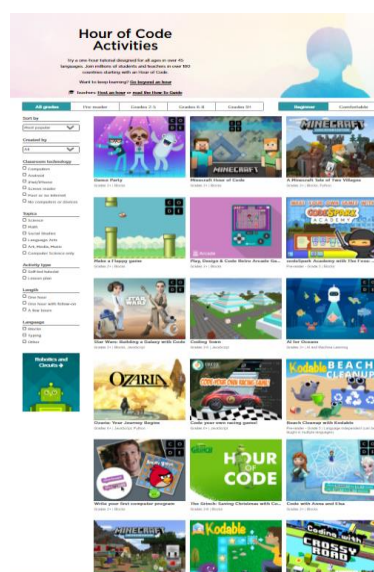
Use your creativity and problem solving skills to explore and build underwater worlds with code!



AI for Oceans

Learn how AI and machine learning can be used to address world problems.

Investigate <https://code.org/learn> further – there's LOTS to do!!



Also look at [SCRATCH](#) and [BLOCKLY Games](#) - have fun and create some CODE

If you would like us to see or mark your work, please email it, or send a photo of your completed work to Miss Jenkins - mjenkins@glebe.bromley.sch.uk Thank you.