

OPENZONE

the **WORD**



Code is the
new Word



South Tyneside Council

Delivered in partnership with



South Tyneside College

CODE IS THE NEW WORD WEEK

OpenZone have worked with young people and teachers for over 10 years to develop ICT and digital skills. We are proud to be part of the The Word, National Centre for the Written Word.

One of our aims is to promote the development of digital skills and we want to raise the profile of Code as a hugely important form of the written word, in this increasingly technological world.

Why are digital skills so important to us?

The IT and Digital sector has 35,000 well paid jobs in the North East but are struggling to find people to fill them with currently about 2000 vacant positions. The North East is creating more new businesses than any other area outside of London!

Why is code so important?

Coding is becoming the most in-demand skill across industries and is an integral part of many people's careers.

Being able to code has become a core skill that bolsters a candidate's chances of commanding a high salary.

Did You Know?

Only 1% of A Levels taken in South Tyneside last year were in Computer Science.

Did You Know?

There are now schools who have included Coding as one of the languages taught alongside Spanish and Mandarin.

OPENZONE @ THE WORD

Join us for a range of **FREE** taster session events that are aimed at all age groups in celebration of our 'Code is the New Word' week!



INTERESTED IN STARTING A CODE CLUB?

FREE
Wed 5 April, 4-5.30pm

Do you have the space to hold a Code Club? Would you like to run your own Code Club? Do you fancy being a Code Club volunteer? If the answer is yes and you are a teacher/adult/volunteer, come along to this free information session!



WANT TO DESIGN WEBSITES?

FREE
Wed 5 April, 5-7pm
Suitable for over 14s

This two hour introduction into what's happening behind the scenes of your favourite websites will inform young aspiring website designers. Within this session you will create your very own website using popular web languages such as HTML 5, CSS3 and JavaScript.

By the time you leave the session, not only will you know how websites work, but you will have your very own working website!

KEEP CALM AND CARRY ON GAMING

FREE
Thurs 6 April, 4-5pm

Children are playing more and more computer games which leaves parents and carers wondering what are they playing? Who are they playing with? Is it safe? What are the risks?

If you find you're asking yourself these questions come along to this session to help you understand your child's gaming world.



KEEP CALM AND CARRY ON GAMING



FANCY A CAREER IN THE GAMING INDUSTRY

FREE
Thurs 6 April, 5.30-7pm
Suitable for over 14s

Are you interested in a career in the gaming industry? James Whatling will give you an insight into job roles and the vast range of skills and career opportunities available. The session will also involve a VR experience to give you an insight into the future of the gaming industry.

CODE WITH RASPBERRY PI

FREE
Thurs 6 April, 5-7pm
Suitable for over 14s

This interactive session will be problem based where you will learn how to use the programming language Python and control a Raspberry Pi.

This is a fun activity for those with curious minds who want to learn how to code!



FREE

HOUR OF CODE FOR THE OVER 50'S

FREE
Fri 7 April, 11-12noon

Coding is not a new skill and is similar to reading. Come along to our introductory online coding sessions and we will help you begin to decipher the code. Challenge yourself and have some fun!

CODING FOR GROWN-UPS

FREE
Fri 7 April, 1-2pm

Learning to write code is easier than you think. It's all about problem solving and doing things in the right order.

In this session you will learn to use Scratch which is a visual block based programming tool that is **FREE**, fun and fabulous!

CODING WITH STAR WARS

FREE
Mon 10 April, 11-12noon
and Wed 12 April 2-3pm,
Suitable for ages 9-11

Spend an hour in a galaxy far, far away exploring how coding can control a droid in a game. Develop your skills in computing and solve problems as you go!

TASTE OF TECH

FREE
Tues 11 April, 10-12noon or 1-3pm,
Suitable for over 12s

Interested in a career in the tech industry?

Come along to this interactive workshop to see the types of jobs and opportunities that are available. This session is run in conjunction with Sunderland Software City.

MINECRAFT HOUR OF CODE

FREE
Tues 11 and Wed 12 April, 11-12noon
Suitable for ages 8-10

Step inside a Minecraft world exploring how coding can control a character in a game. Develop your skills in computing and solve problems as you go!

LEGO EV3 ROBOT EXPLORER

FREE
Mon 10 and Tues 11 April, 2-3.30pm
Suitable for ages 11-14

If you enjoy a challenge and want to have fun, come along to this session where you will learn how to programme a Lego EV3 robot. Control the motors to make it move and programme the sensors to make it respond to its environment.



OTHER ACTIVITIES YOU MIGHT BE INTERESTED IN

AS SEEN ON TV

Mon 10 April for ages 8-12 and
Tues 11 April for ages 13-18
10-12noon, 12.30-2.30pm and 3-5pm
£12, choose one session

How would you like to join our professional team and make fantastic television in a brand new TV studio in The Word?

We are looking for a few young people who are creative, dedicated and would love to work in television.

SPACES ARE LIMITED SO MAKE SURE YOU SIGN UP TODAY!

MATHS IN MOTION

Thurs 13 April, 10-4pm, £20 per car, each car max of 2 persons, Suitable for over 10s (must include adult and child)

Welcome to The World of Cars, an exciting, fun and competitive challenge for everyone! The software recreates the thrills and spills of high speed motor racing featuring drivers from all over the world.

The rules are simple. Choose your driver, customise your car, get your maths right and make the right decisions and you will stand a chance of winning the race.

Get your maths wrong and you run the risk of crashing your car or blowing up the engine!



For a full list of all events and to book your tickets at The Word visit

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