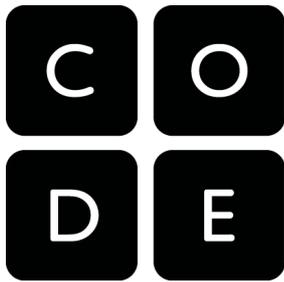


DGS / DKIT Coding Collaboration

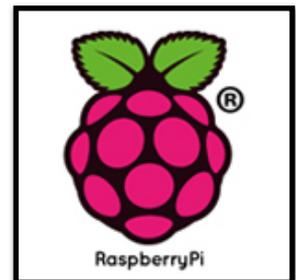
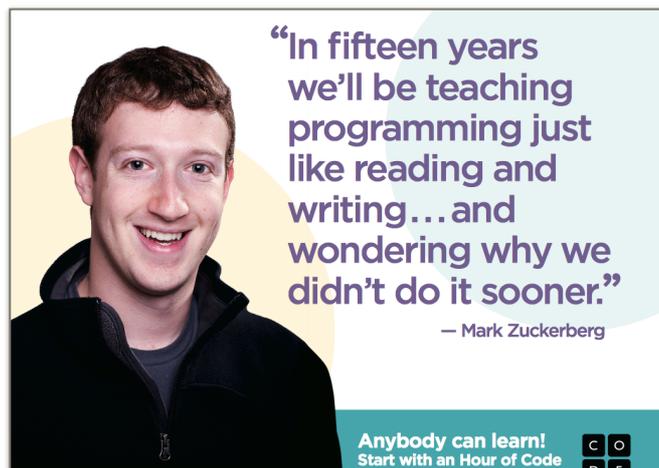


The European Commission estimate that there will be 800,000 computing vacancies alone in Europe and 1.4 million jobs worldwide by 2020. However it is estimated that unless more students are encouraged to learn a computer programming language there will only be 400,000 computer science graduates capable of filling these jobs. Consequently, there will be one million more computing jobs available than graduates by the year 2020 that can not be filled!



In December, 2014, Dundalk Grammar School (DGS), students took part in the largest coding event in history, the world wide "Hour of Code". Afterwards the students expressed an interest in learning more about how to program or code.

In March 2015, the DGS Coding Academy was established. In October this year, DGS ICT Staff met with the faculty of the Dundalk Institute of Technology's Department of Computing and Mathematics (DKIT) to discuss a possible collaboration.



The DGS/DKIT Coding collaboration intends to provide students with an introduction on how to code in Construct 2 (Game Development and Visual Coding concepts) Javascript, HTML and CSS (Web Development) Coding languages.



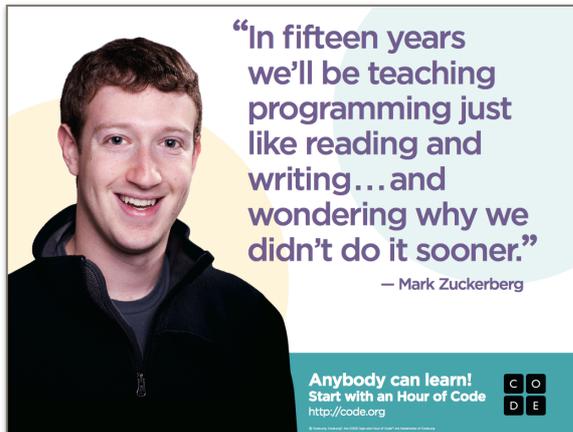
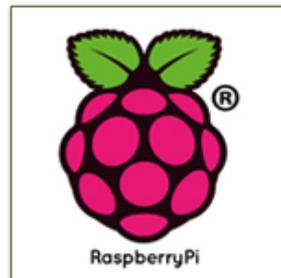
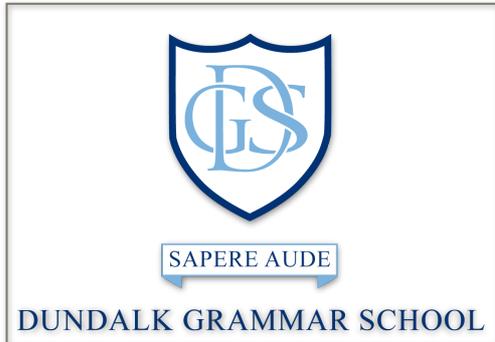
DKIT faculty have agreed to share their skill set to enable DGS students to learn how to use a computer programming language.

DGS were recently selected by the Raspberry Pi Foundation to take part in the Raspberry Pi Weather Station project which is being launched worldwide in 2016. Future projects will provide students with the skill set to setup and program/code the Raspberry Pi (www.raspberrypi.org/help/what-is-a-raspberry-pi/) and Sphero robots (www.sphero.com/education).

The DGS Coding Academy takes place every Wednesday afternoon between 3pm to 4pm and is open to all students between the ages of 12 to 18 years, however places are limited. Please contact Mr. Paul Murphy for further information on enrolling in the DGS Coding classes.

We would like to thank Dr. Christian Horn, Dr. Ronan Lynch, other faculty members and the DKIT students for taking part in this collaboration with Dundalk Grammar School.

DGS / DKIT Coding Collaboration



Will.i.am

CREATED THE BLACK EYED PEAS
NOW TAKING CODING CLASSES

