

Computer Science Competition Winners!

During the summer, two of our pupils were invited to Google's London Headquarters after winning a Computer Science competition.

John H and Flora M entered the tech competition 'Make it Outdoors', organised by local company Hack Lab and the Raspberry Pi Foundation. Children were tasked with creating an outdoorsy project making use of a Raspberry Pi (a small computer created here in Cambridge by the parent of an Old Fidelian).

Over 40 teams took part, mostly comprising four people; John and Flora were the smallest team with just two members. Teams designed, built and programmed some interesting outdoor-themed concepts, such as a drone with an on-board camera, and a glove with built-in technology that scans clues on a treasure hunt.

John and Flora's invention was a picnic hamper that detects pressure, temperate and humidity, and plays you music while you're eating! They coded everything using Python, which they learnt in their Year 7 Computing lessons. They made a video of their finished product in action and sent it off to be judged, only to receive the incredible news that they were winners of their category.

Their prize was a trip to Google where they wired up and programmed a miniature buggy that used Artificial Intelligence to move around. In the evening, Flora and John set up a stall to showcase their hamper and answered questions from grown-ups.

We are very proud of our two budding innovators and hope this inspires them, and others, to delve deep into the tech world in which we live.



Flora (left) and John (right) showing off their invention