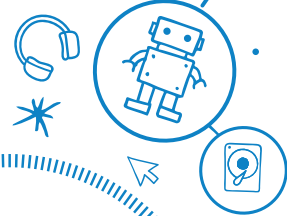




digital Xtra

fund

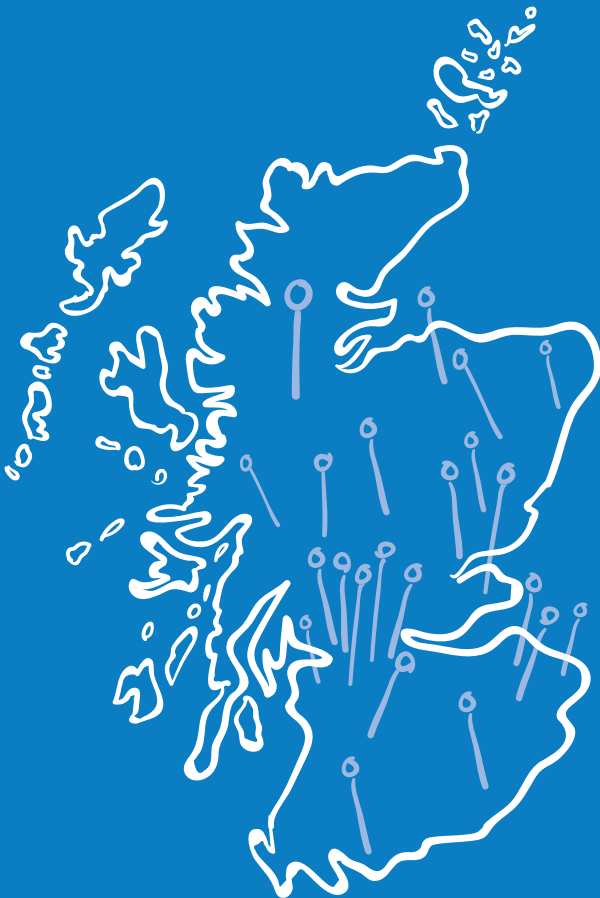


We awarded
£50,000

for digital skills activities
in Scotland...



across **21**
local authorities



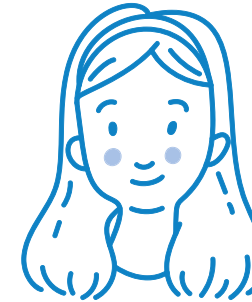
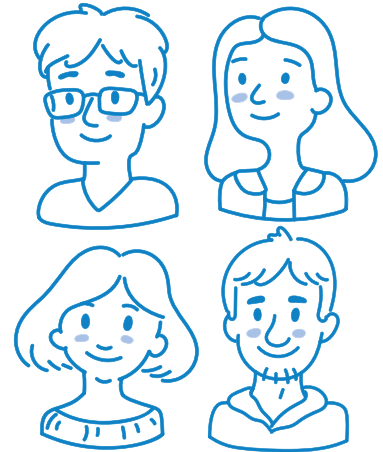
Aberdeen	12
Aberdeenshire	41
Angus	198
Argyll & Bute	410
Dumfries & Galloway	146
Dundee	18
Edinburgh	15
East Lothian	6
East Renfrewshire	6
Falkirk	18
Fife	12
Glasgow	11
Highlands	2221
Midlothian	12
Moray	336
North Lanarkshire	65
Perth & Kinross	136
Renfrewshire	59
South Lanarkshire	152
Stirling	329
West Lothian	12

Engagement per local authority ↗

We supported **11** initiatives and reached...

4,215

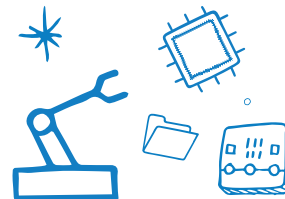
children and
young people...



including
2,092
girls and
young women



Supported initiatives covered topics such as...



Coding, App Development, User Experience, Design & Testing, Internet of Things, Robotics, Electronics, Digital Manufacturing, Rapid Prototyping and Future Careers Education



Case Study 1

West College Scotland:
Renfrewshire Coding Clubs



In 2018, West College Scotland helped inspire school pupils, college students, and local teachers through a programme of Coding Clubs and professional development. Originally launched in 2016 with support from Digital Xtra Fund, this year's grant helped West College Scotland create 3 additional Coding Clubs in Renfrewshire secondary schools.

The Renfrewshire Coding Clubs were aimed at young people who would soon choose their elective subject choices. The clubs delivered activities in a fun and informal way that engaged young people, developed their skills, and stimulated their interest in computing science. Senior staff from the College, along with a team of HNC and HND students, helped run the weekly clubs. This also provided the college students the unique opportunity to share their knowledge and enthusiasm for computing science and provided valuable experience.

Alongside the Coding Clubs, West College Scotland also delivered training for teachers focussing on increasing confidence and encouraging the use of digital learning. These sessions were vital to the legacy of the project as the teachers will manage the Clubs moving forward as well as initiating new ones.

During 2018, 47 young people took part in the Renfrewshire Coding Clubs while 27 teachers received additional training as well as a set of micro:bits each for use in their classrooms.

Case Study 2 Apps for Good: Scottish Regions

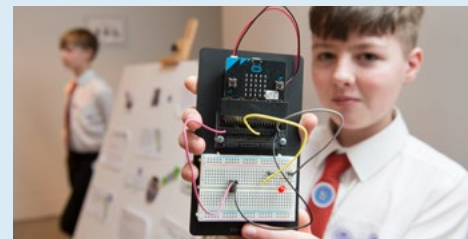


Apps for Good assists teachers to deliver digital courses with a focus on improving the world with technology. Young people aged 12-16 worked in teams to find issues in their community they cared about and then developed, marketed, and launched digital solutions. Key to Apps for Good success is placing digital training within a real-world context, enabling young people to gain relevant experience while developing the skills and confidence required to build digital solutions.

Previous award-winning Scottish projects include: 'Med Note' which tracks when an elderly person has / has not taken their medication; 'Light Bike', which improves cycling safety using reactive smart lights; and 'Safe Step', sensor enabled mats that alerts caregivers and family members via a mobile app when someone had fallen or gone missing.

Participants also got the opportunity to attend Apps for Good's annual Edinburgh event, bringing together some of Scotland's brightest young digital makers with industry professionals. Students showcased their tech solutions, participated in workshops to further develop their skills, and received feedback from some of Scotland's top industry experts.

During 2018, support from Digital Xtra Fund enabled 388 young people to take part in Apps for Good in Scotland.



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info@digitalxtrafund.scot



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Digital Xtra Fund, c/o ScotlandIS, Oracle Campus, Blackness Road, Springfield, Linlithgow, EH49 7LR