

Appiness and DigiDabble

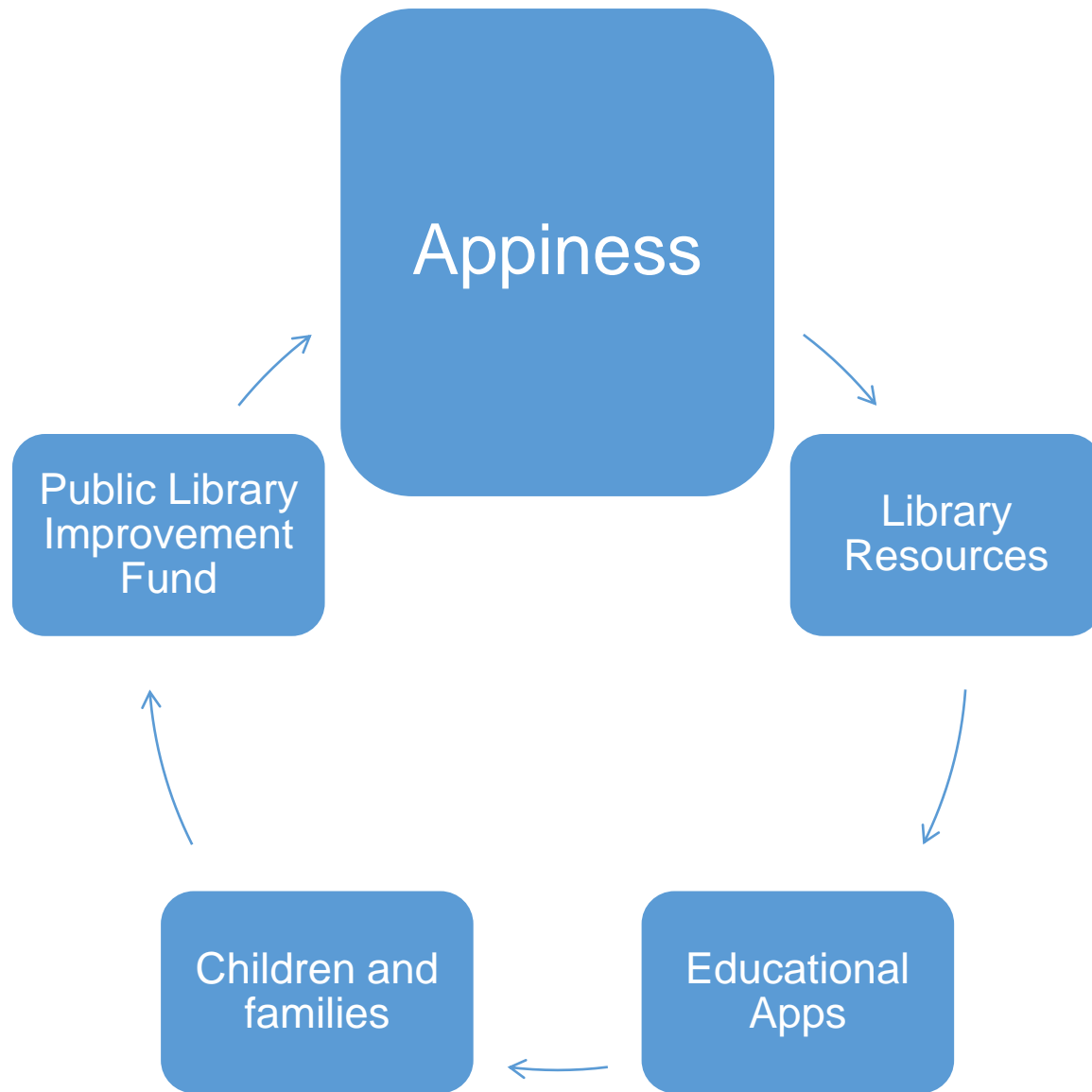
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North Ayrshire Council

Delivering our services with
Focus. **Passion.** **Inspiration.**



North Ayrshire Council
Comhairle Siorrachd Àir a Tuath







Digital
Skills
Support for
parents

Interactive
Learning
over 4
sessions

Build on
Bookbug
literacy
skills

Capacity
Building,
parents
have
confidence

Literacy



WordWorld

Play fun word learning games along with your favourite characters from the hit PBS KIDS show! With this app, children will learn letters, letter sounds and word families while experiencing the lush settings of WordWorld along with their friends Dog, Duck, Frog and Pig from the TV show. And as they play the games, you the parent will get to see how well they are doing to help guide your child toward greater letter and word knowledge.

*<https://itunes.apple.com/gb/app/wordworld-fun-wordfriends>



Ice Land!

Primary skill taught:

- Letters: Learn upper-case and lower-case letters as well as their names.
- Phonics: Compose syllables by combining vowels and consonants.
- Words: Spell words by placing letters in the correct order.

Music and Art



Music Sparkles

Music Sparkles brings a world of music to your fingertips. From piano and xylophone to electric guitar - just tap and play. Enjoy spectacular sparkles created by your own music as you play. With the large collection of musical instruments your little one will be able to develop their musical hearing and future talent.

*<https://itunes.apple.com/gb/app/music-sparkles-all-in-one>



Doodlecast

Doodlecast is a unique drawing app that records your voice as you draw. Play back your drawing and export it to share with friends and family. The Doodlecast For Kids App comes with more than 20 drawing prompts – simple questions designed to give kids a starting point. Choose from one of the prompts or start a drawing from scratch. The app records the entire drawing process along with audio from the microphone to create videos up to three minutes long. The Doodlecast For Kids App is a fun creative activity, but it is also a valuable teaching aid. Families can use the app for everything from practicing counting and letters to talking about feelings.

Maths



Montessori Numbers

Montessori Numbers is designed to help build sound mathematical foundations in children aged 3-7 by using a concrete, visually significant material inspired from the Montessori methodology. Learn to understand quantities and numbers, learn the numerals and build numbers from 0 to 999.

*<https://itunes.apple.com/gb/app/montessori-numbers-math-activities>



Monkey Math

9 interactive games that teach kids about sequencing, patterning, counting, adding and subtracting.

*<https://itunes.apple.com/gb/app/monkey-math-school-sunshine>

Science and Technology



Toca Doctor

Toca Doctor is an innovative app that introduces children to the medical profession and the human body while making it fun with creative minigames. Examine a patient and solve fun puzzles and mini-games that take place in the human body. Beautiful artwork and fun sounds guides your kids through 21 different puzzles.

*<https://itunes.apple.com/gb/app/toca-doctor>



Barefoot Atlas

Barefoot World Atlas is an interactive 3D globe that invites children to explore the regions and countries of the world, discovering hundreds of fascinating features and immersing themselves in the rich wonders of our planet.

*<https://itunes.apple.com/gb/app/barefoot-world-atlas>

Model for
increased
participation

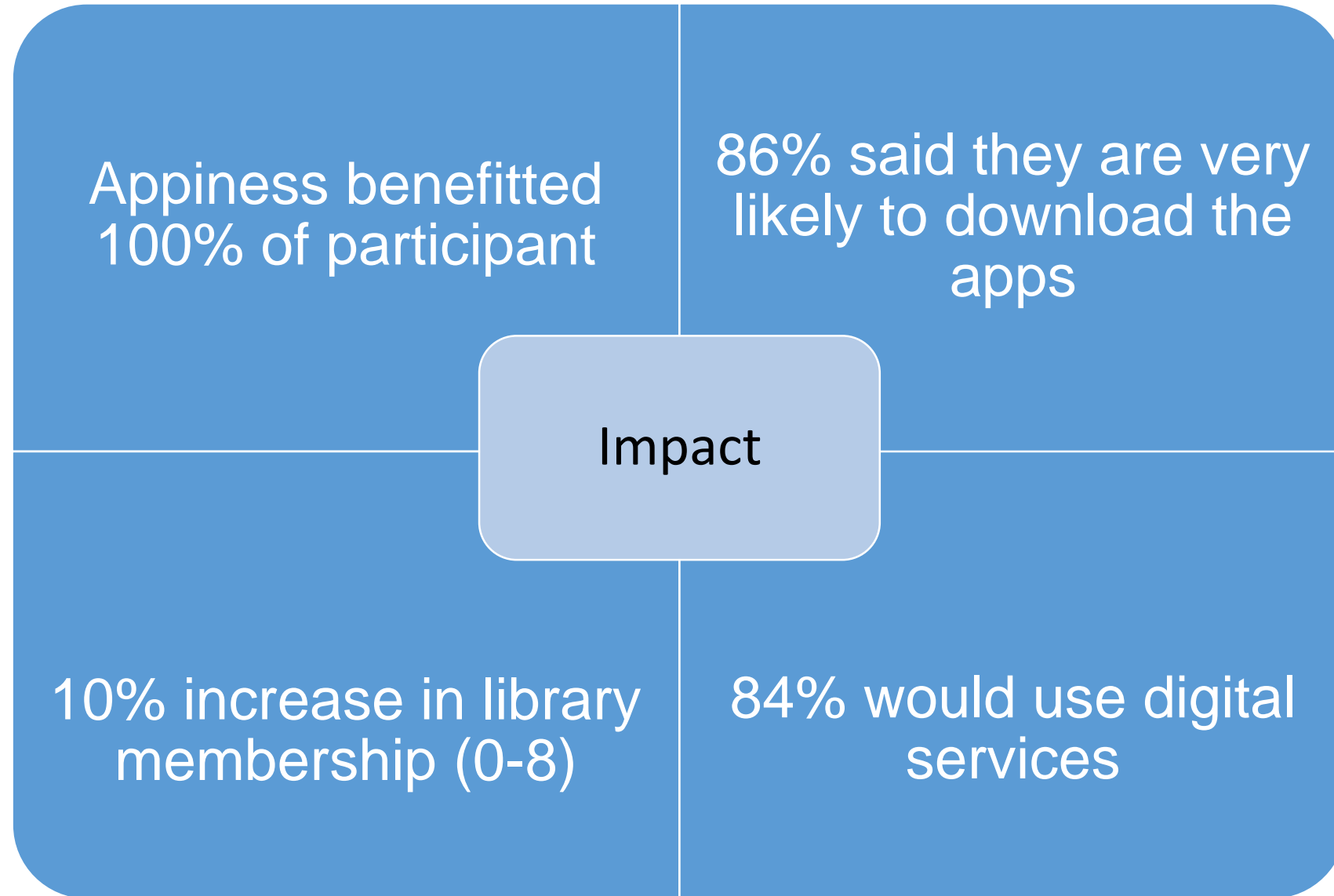
Evaluation of apps

Transferable
methodology

Training needs
analysis

Recommendations
for other projects

Support framework
for support



Accolades



AMBITION & OPPORTUNITY

A Strategy for Public Libraries in Scotland 2015-2020

CASE STUDY: APPINESS

North Ayrshire's Appiness project, funded by the Public Library Improvement Fund, supports early years learning through encouraging parents to try educational apps with their pre-school children. Library staff use a range of devices (laptops, iPods, e-book readers and iPads) to teach very young users how to interact with apps that support literacy, numeracy, science, technology, music and art. Over 100 apps were identified, ranked by popularity and tested by the staff for user-friendliness and functionality. The apps used were refined throughout the project based on popularity and participants' feedback.

Since instigating the Appiness project library staff has seen real enthusiasm and a growth in confidence in parents who often buy the apps and devices once they see the education benefits for their children. In this way, the project provides a shared learning experience which brings parents/carers and children closer together.

Appiness was shortlisted for the 2015 EDGE award in the digital library category.

Shared Learning

Public Library Improvement Funding for 10 library services:

- Engage with IT Services
- Engage with Early Years Centres/nurseries
- Pre-engagement information session for parents
- Intensive sessions, rather than weekly sessions
- Sustainable with staff training
- Budget commitment for purchasing apps

DigiDabble

- Digital participation
- 'Pop Up' library offer
- Targeted approach
- Embed training



Why?

- Provide **safe and secure environment** for our families to **learn together**

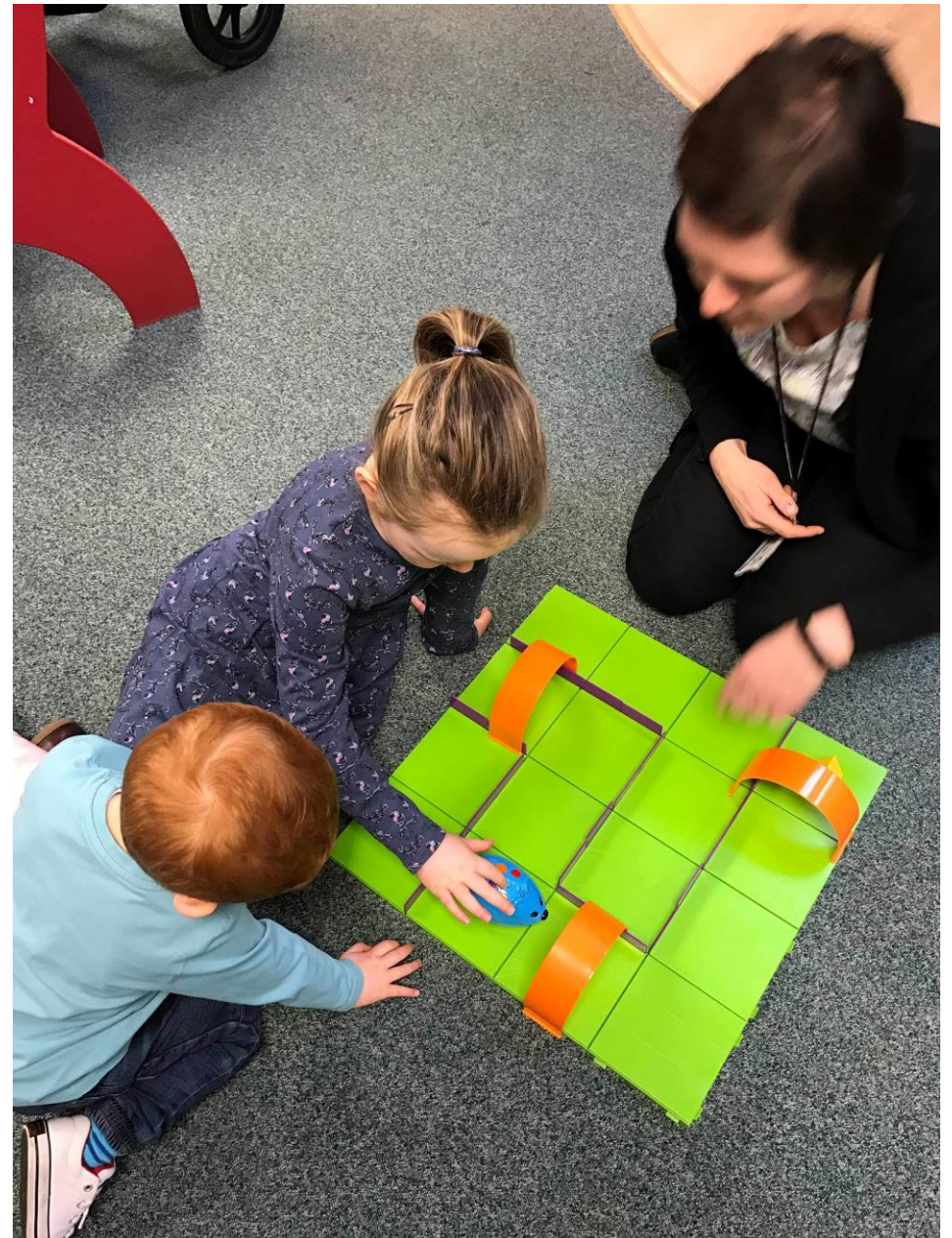
1000 participants over 6 events, with visitors increased by +197% in one library



Why?

- Early intervention increase **confidence** and **self-esteem**

100% reported an increase in confidence in using digital technology



Why?

- **Equitable access** to digital technology to encourage choice and fairness for all

*40% of participants from most deprived areas**



*From a sample of 30 families over two events.

Social Inclusion

- Bringing individuals and communities **together** and signposting to other services

“Over 5 years part of the group...leap from reclusive self...to an active member ...now a volunteer at the group.” Craig, 19.



Intergenerational

‘Myself and my granddaughter had a great morning in Irvine Library at the DigiDabble. And hope they hold it again.’



Creativity

'My kids loved learning about the 3D printer and were even given a 3D item to take home, thanks.'

Printer gifted by the Scottish Government



Critical skills

*‘Loved the **Makey Makey** musical carrots and cucumber. The lovely staff answered all my questions.’*



Shared Learning Experiences

'We thought this was a great event. Really, really, really cool. Loved the dancing robot...here for over 3 hours and really enjoyed it. Would definitely come back if on again.'



Exploring new worlds – live the game

*‘I thought it was very good and it actually felt like I was a dinosaur in the Playstation **Virtual Reality** simulator.’*



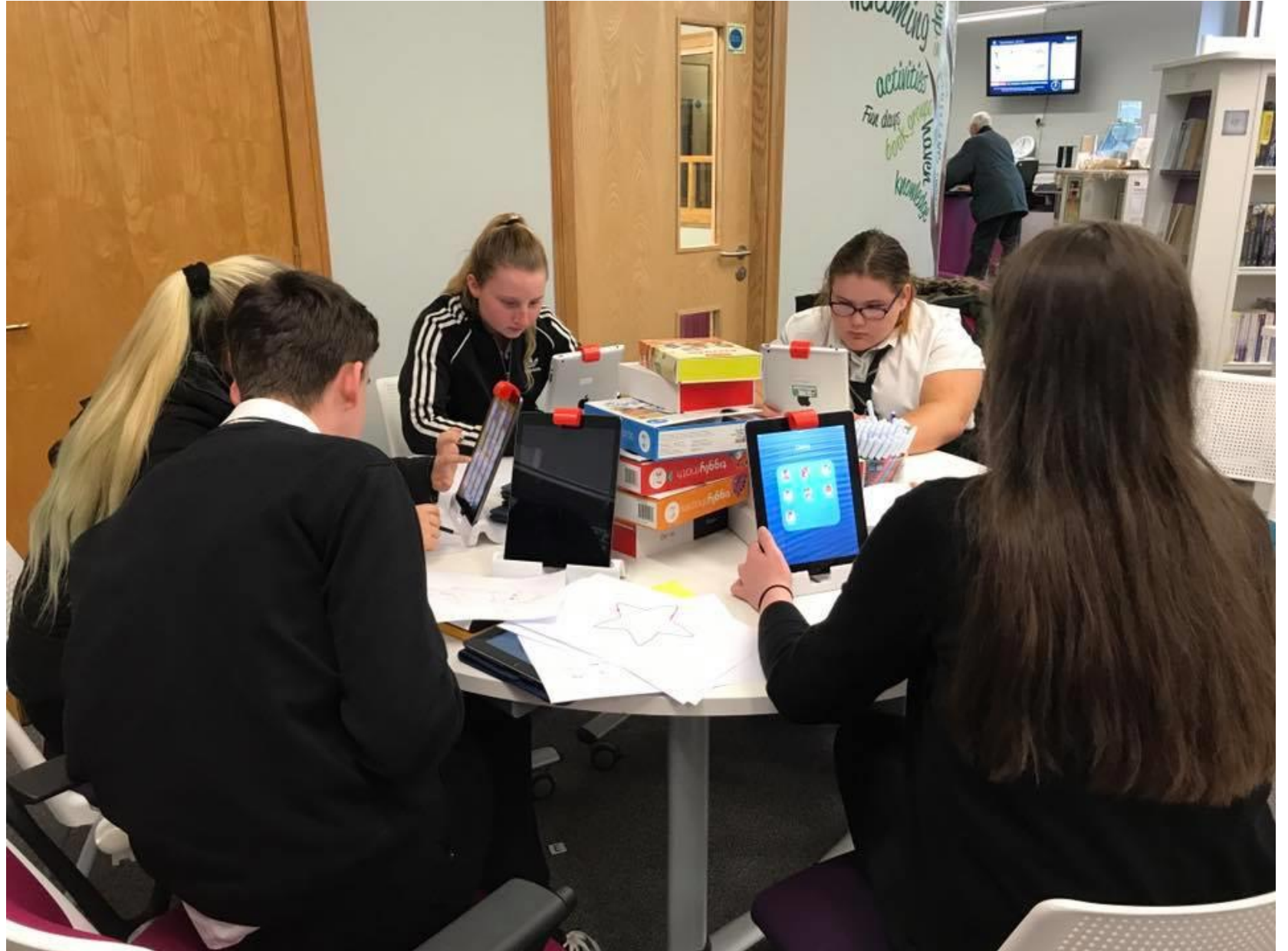
Audiences

388
primary
pupils in 3
schools



Audiences

27 pupils:
S4 Skills
Academy



Audiences

Those with
Additional
Support
Needs, e.g.
Autism.



Partnerships – Police Scotland

‘DigiDabble provided a great opportunity for local officers to meet young people, parents and carers to discuss new technology and ways to stay safe online. The Irvine event was well attended enabling officers to promote the positive use of the internet in an informal environment answering any questions and learning more about how young people use technology to access the internet.’



Partnerships – Scottish Library & Information Council

‘The Scottish Library and Information Council recognises DigiDabble as a sector-leading project and we are delighted to be showcasing North Ayrshire's work to libraries across Scotland via our Digital Champions network.’



Accolades

- Scottish Government blog
- Sharing good practice at three library conferences
- Short-listed for Digital Leaders 100 Digital Council Award
- Highlighted as good practice in Community Learning and Development inspection
- Herald Society Award: Young People's Project of the Year
- North Ayrshire Achieves nomination: Promoting wellbeing



Winner of the 2017 Edge Digital Award

The judge was the Scottish Local Government's Chief Digital Officer Martyn Wallace who said that:

'North Ayrshire Council's DigiDabble stood out as it felt like an amalgamation of all the different ideas and innovation but in a package to have specific "digital days" to enthuse, excite, inform and help locals not only through Digital inclusion but also social inclusion.'



The Future

Research
and
training

Identify
other
partners

Collaborate
with
colleagues
UK-wide

Expand
offer to
other
groups

Funding for
DabbleGen

The movie



...and the last word from our robots, BB8, Sphero and Alpha

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Libraries
@NACLibraries,
@NAYouthServices
#DigiDabble

...and may all
your dabbles
be digi!

