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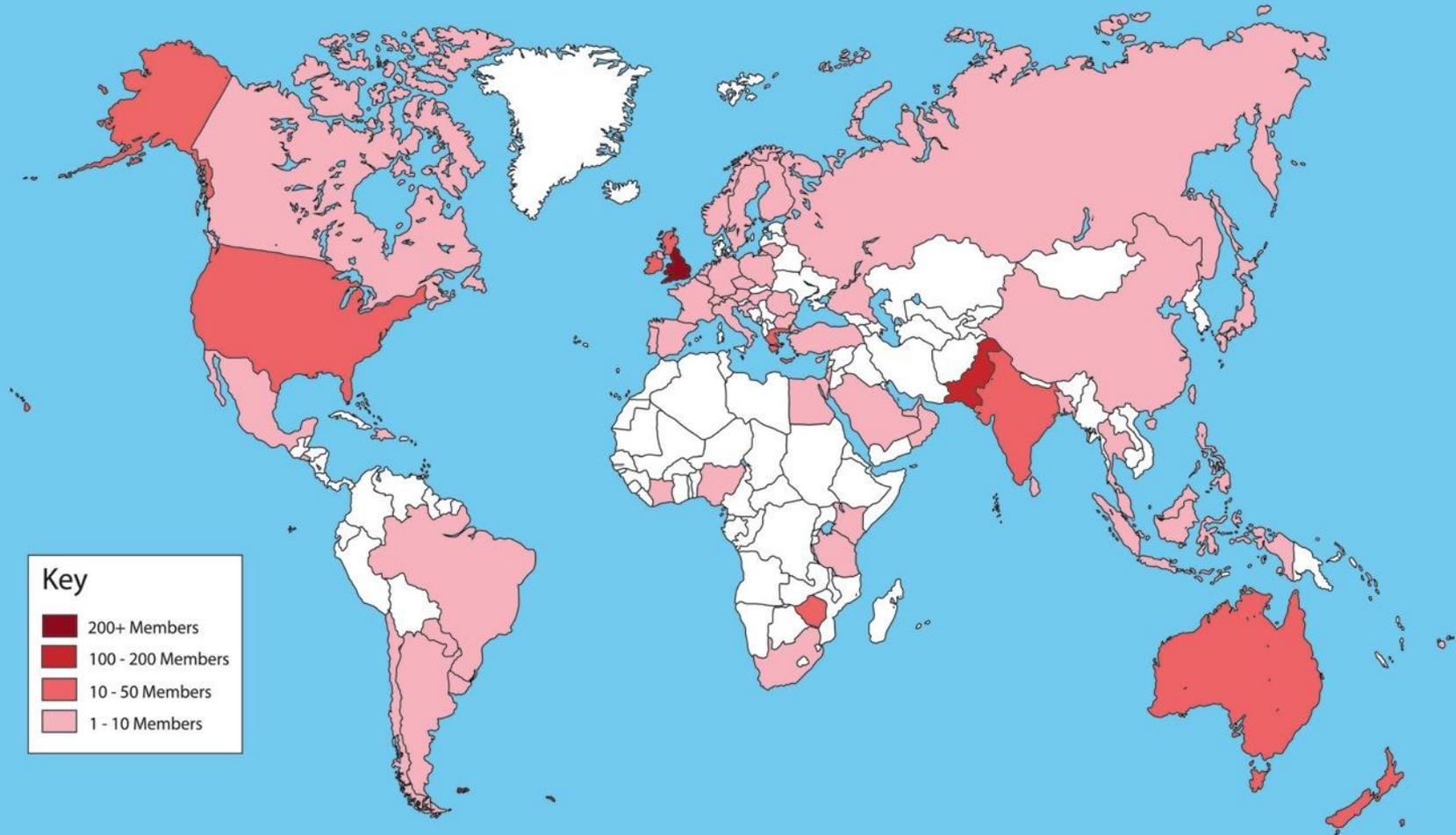
SMT Ormiston Academy

How many teachers and pupils enjoy coding?

Teachers' evidence for abandoning the Computing curriculum and introducing Digital Media Studies.



MirandaNet Fellows Around the World

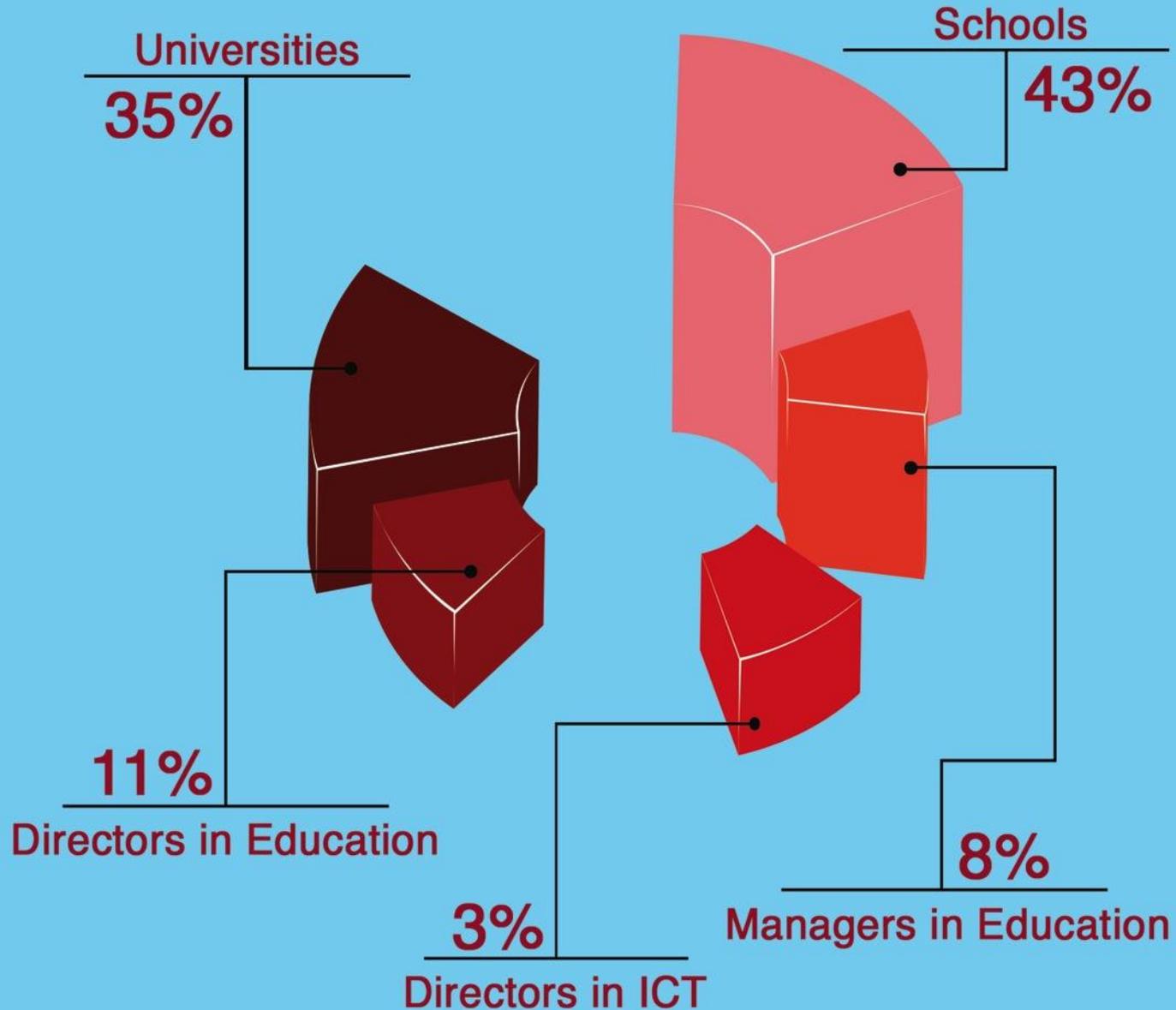


Key

- 200+ Members
- 100 - 200 Members
- 10 - 50 Members
- 1 - 10 Members



MirandaNet Experience Pool



Some MirandaNet Partners





iCatalyst CPD programme

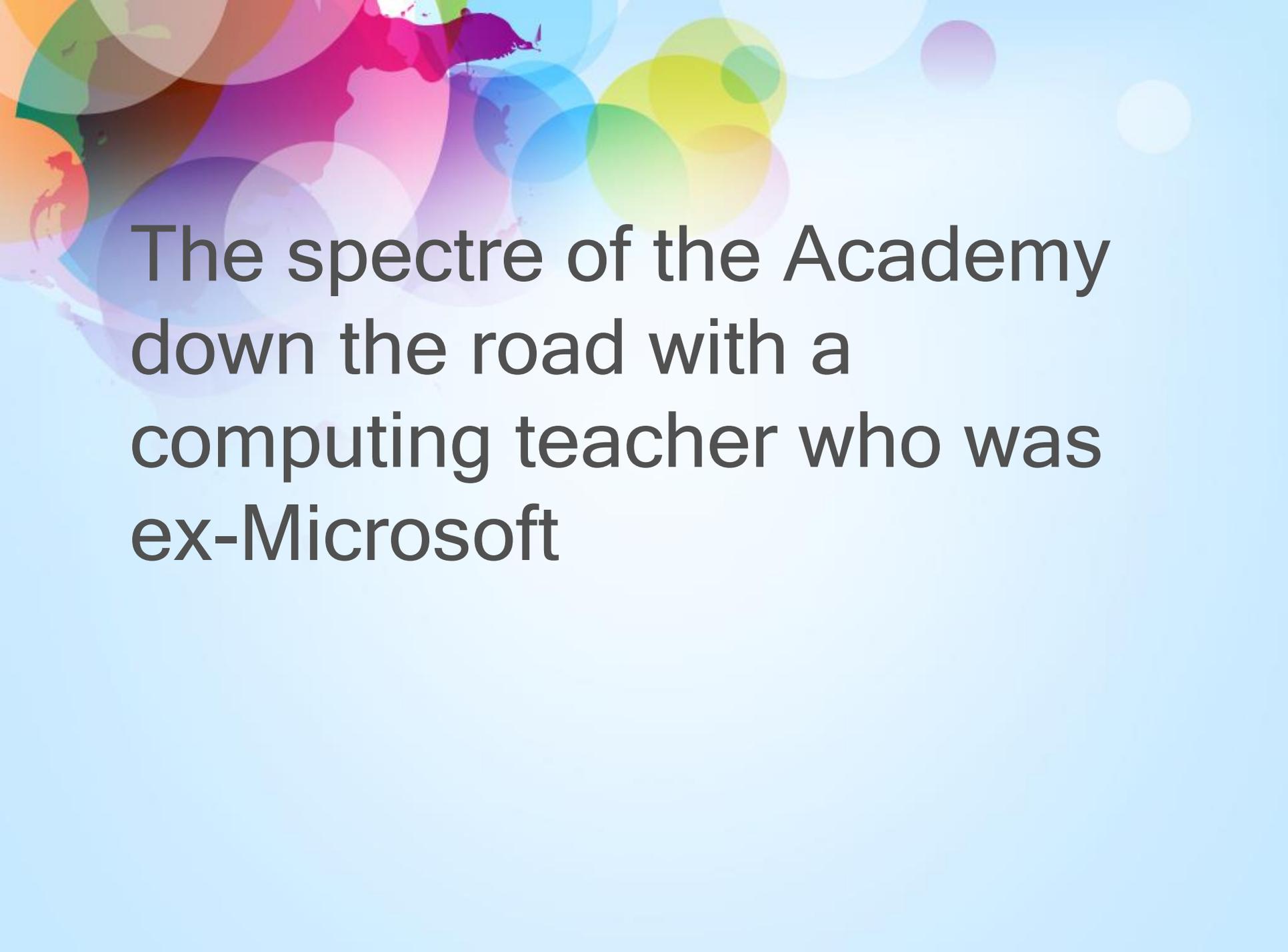
Working towards agreed change in the digital offering

Working with teachers and leaders as co-researchers

Working with companies on designs for learning and research into impact

Outreach and dissemination

- **Established in 1992**
 - 30 years experience defining education innovation
- **1,000 fellows in over 80 countries: free to join**
 - Global community of experts defining the future of pedagogy
 - Accreditation for publishing on the website for others
- **mirandanet.ac.uk**
 - 6,000 unique visitors per month and over 400 visits per day
 - 2,300 pages viewed per day, up to eleven screens read by visitors
- **Europe, 49% - UK, 28% - China, 18% - USA, 16%**
 - Year on year growth currently at 12%
- **MirandaNet extended reach of over 80,000 professionals**
 - MirandaNet sends news and publications and shares events with several other communities of senior educators



The spectre of the Academy
down the road with a
computing teacher who was
ex-Microsoft

The background features a light blue gradient with several overlapping, semi-transparent circles in various colors including purple, green, yellow, and orange. In the upper left corner, there is a dark silhouette of a person, possibly a teacher or researcher, looking towards the right.

How can we support the teachers with practice based research?

- <https://www.youtube.com/watch?v=Dz7r4lghqgs>

- Enhanced curriculum
- Leadership opportunities
- Develop resilience
- Communication/ teamwork skills
- Breaks down student teacher barriers
- No behind desk T&L
- Engagement & enjoyment

PUPILS

- Confidence
- Enhanced skills
 - Enjoyment
 - Risk taking
- Improved T&L
- Improved classroom behavior
- Improve 'flow'

STAFF

**LOCAL
COMMUNITY**

PARENTS

- Access to new technologies
- Access to experts in the field of ICT and media
- Possible qualifications
- Positive links with the Academy
- Social hub for the local community
- Improved confidence

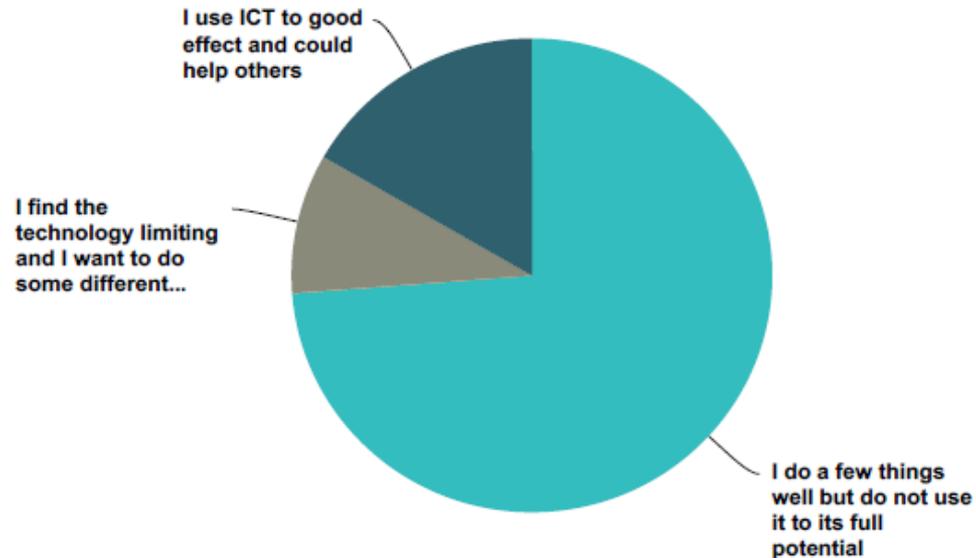
- Improve relationship with
 - the Academy/ teachers
- More confidence in the curriculum
 - Adult learning opportunities
 - Parent/ child hub
- Access to new technologies
 - Possible qualifications

STUDENTS AS PARTNERS IN THE LEARNING PROCESS

STAFF OPINIONS - what did they say?

Q6 How confident do you feel about using the technology in our classrooms as a tool to support your teaching?

Answered: 42 Skipped: 0



NB:

85% of staff said they did not work collaboratively, they worked in isolation not using new technologies to share good practice

Answer Choices	Responses
Not very confident at all	0.00%
I do a few things well but do not use it to its full potential	73.81%
I believe I use the technology to its full potential	0.00%
I find the technology limiting and I want to do some different things with ICT	9.52%
I use ICT to good effect and could help others	16.67%

STUDENTS AS PARTNERS IN THE LEARNING PROCESS



CREATIVE MEDIA / ICT & NEW TECHNOLOGIES

STUDENTS AS PARTNERS IN THE LEARNING PROCESS

THE PROJECT

From Sep. 2016

Blood Bros. Digital production

'WHAT IF SCENARIO' – WHOLE ACADEMY PRODUCTION

- Contextualised for Grimsby
- Sliding door endings
- Combination of green screen 'video production acting' interspersed with 'real acting in the front.
- Voice over and sound effects.





Yovia
GAIA TECHNOLOGIES



Yovia
GAIA TECHNOLOGIES



Who was the data collected from?

- SLT
- Teachers
- Pupils
- Parents
- Specialists in the field and technical support

How the data was collected?

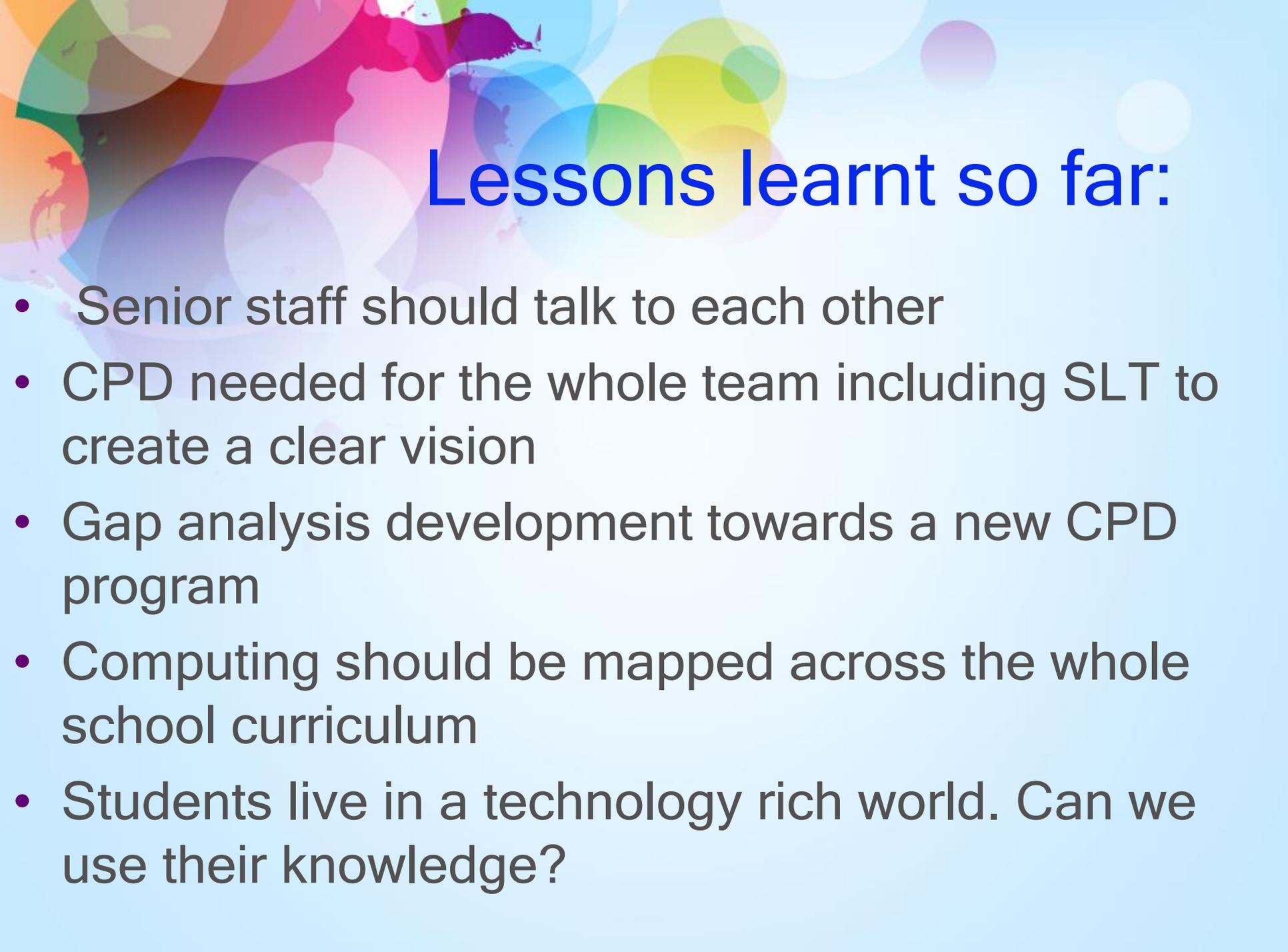
- From teachers and non teachers, including SLT
- Students
- IRIS Connect videos
- Interviews with staff and students
- Evaluate the sections and the final production
- Observations of lessons
- Questionnaires/ surveys
- Personal learning logs - what/ why/ how... Student/ staff reflective notes, Adobe Slate
- Video / audio tape

How was the data verified?

- ★ Make sure you have the right permissions
- ★ Make sure your sample covers an appropriate range
- ★ Ask the right question: plan them - pilot them
- ★ Challenge when appropriate
- ★ Create the right environment for responses
- ★ Don't make assumptions
- ★ Be honest about the challenges

Project findings

- Project learning can be a logistical nightmare
- Collaborative project changes the balance between teachers and pupils for the better
- Perversely the pupils' behaviour has been better in this project learning although they were not behind desks
- Often the pupils are leading the learning in this project work
- The boy's behaviour seems to benefit in particular
- The pupils' keep asking when the Gaia professionals will be working with them again
- In this project we have covered: Digital and Media Literacy, E-safety and Citizenship as well and subjects like English and Maths.



Lessons learnt so far:

- Senior staff should talk to each other
- CPD needed for the whole team including SLT to create a clear vision
- Gap analysis development towards a new CPD program
- Computing should be mapped across the whole school curriculum
- Students live in a technology rich world. Can we use their knowledge?

NEXT STEPS (1)

SUSTAINABILITY?

- **Pupils:** Choose lead learners/digital leaders with a remit to keep up with innovation (e.g. set up a Facebook-style forum on VLE)
- **Parents:** click and collect; drop in sessions for partners, Lads and Dads, reduced price for courses, awards for pupils who have special skills acquired outside the school
- **Community:** learning hub which the local community can use, as a training centre/ internet style café
- **Policy:** 3 year programme; factors in the Academy development plan

NEXT STEPS (2)

SUSTAINABILITY?

- Staff:
 - Whole staff CPD - Lead teachers and lead learners support training
 - Cross curricular links for all departments in fusion approach e.g. maths and history
 - Induction packs for all new staff
 - Newsletter or blog
 - Celebration of learning
 - National College Senior Leaders' program
 - Involving more MirandaNet Associates

WHAT THE LEARNERS SAY:

- Fully engaged
- More confidence
- More resilient
- More able to describe how they do their 'best' learning
- Able to choose and use different resources and strategies to develop their learning
- More confident helping others learn
- More independent
- Wanted to be in school and learning
- Had higher aspirations

The background features a light blue gradient. In the upper left corner, there is a cluster of overlapping, semi-transparent circles in various colors including orange, green, purple, pink, and blue. A faint, stylized map of the African continent is overlaid on these circles. To the right of the main circle cluster, there are a few more isolated circles in shades of purple and white.

THANKYOU

QUESTIONS?