



An innovative global professional development programme that provides evidence of learning for schools and for product developers

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Action Research

at Certificate, Diploma and Masters level

- Agile qualitative research process to deliver results to all the participants
 - Low intrusion and high impact
 - Conducted in working time
- Working with
 - Naace school teachers, pupils, parents as appropriate
 - Naace and MirandaNet university researchers, advisers, mentors and consultants
 - Naace sponsors
- Producing and publishing evidence of change and impact for the school, the teacher and the company that is properly evaluated and validated
- Collaborative authorship and multimodal publications encouraged e.g. video clips, visuals etc.

Action Research

Developing qualitative and quantitative data collection techniques

- Effective questionnaire design and construction
- Conducting a research interview
- Using critical incident techniques
- The value of concept mapping
- Participatory observation with teachers and pupils as co-researchers
- Meta-analysis of data to discover important themes
- Conducting research objectively and ethically

Associate research impact:

examples of evidence for OFSTED and Pupil Premium through Sprint programme 1-2 terms



- **IRIS Connect**

- Research identified ways in which teachers use web- based video to improve classroom practice but also discovered technique to use this technology to improve pupil behaviour.



- **LightSpeed Audio Systems**

- Showed that about one third of mainstream children struggle to hear in the classroom at some point in their education. Recorded new practices to encourage collaborative learning that will now be measured by PISA.



- **Groupcall**

- Showed how engagement with parents using mobile technology can improve pupil achievement and how this investment can be used in evidence for claiming **pupil premium** grants.

Associate research impact:

examples of evidence for OFSTED and Pupil Premium through Sprint programme 1-2 terms



- **Show my homework**

- Showed how a simple and intuitive system made the setting of homework easier for teachers and improved the value of homework for pupils and parents



- **Tablet Academy Microsoft Showcase Roadshow**

- Exploring with schools the impact of professional development programmes designed to help with the introduction of tablets into schools. Reports for the media including the TES. Discussions about a series of articles about MirandaNet research in the TES



- **BBC Bitesize**

- First stage of evaluating new interactive Bitesize resources

Associate research impact:

examples of evidence for OFSTED and Pupil Premium through Sprint programme
1-2 terms



Eye Gaze was used as assessment tool specifically for pupils who were difficult to assess because they suffered multiple barriers to effective learning. The project targeted pupils making limited progress with respect to their ICT, speech and language targets in order to understand what these pupils are learning and processing in classrooms and beyond.



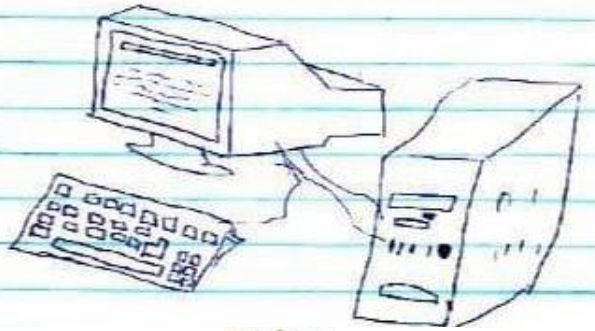
The secret of the success of digital resources like games, videos and quizzes is the engagement in learning that they stimulate. Animated video showing models also enrich the exposition of complex topics: words and a flat diagram in a book cannot enliven

INSIGHT topics over one year

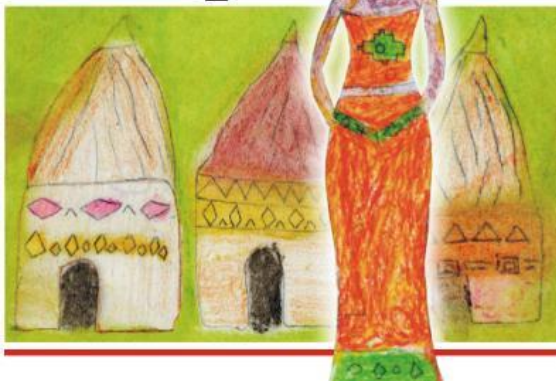
One school's four topics chosen because they have a new digital systems being installed:

- systemic change and the impact on learning and teaching (SMT)
- using tablets effectively to develop independent learning
- the value of visual learning (IWBs etc)
- creating learning resources (3-D, green screen, immersive technology)

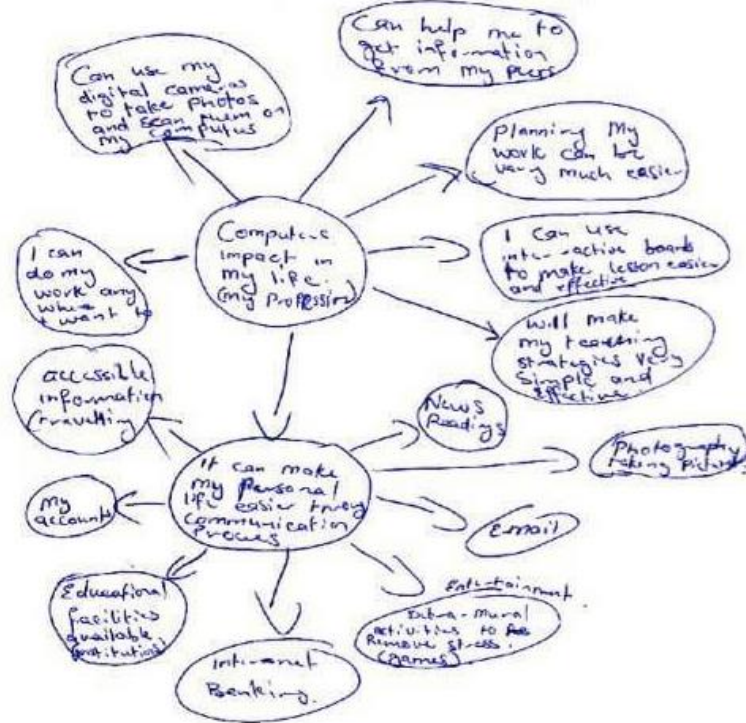
I can also use it for finding relevant information.



eLapa



How can computers impact my personal and professional life. (if I have them)

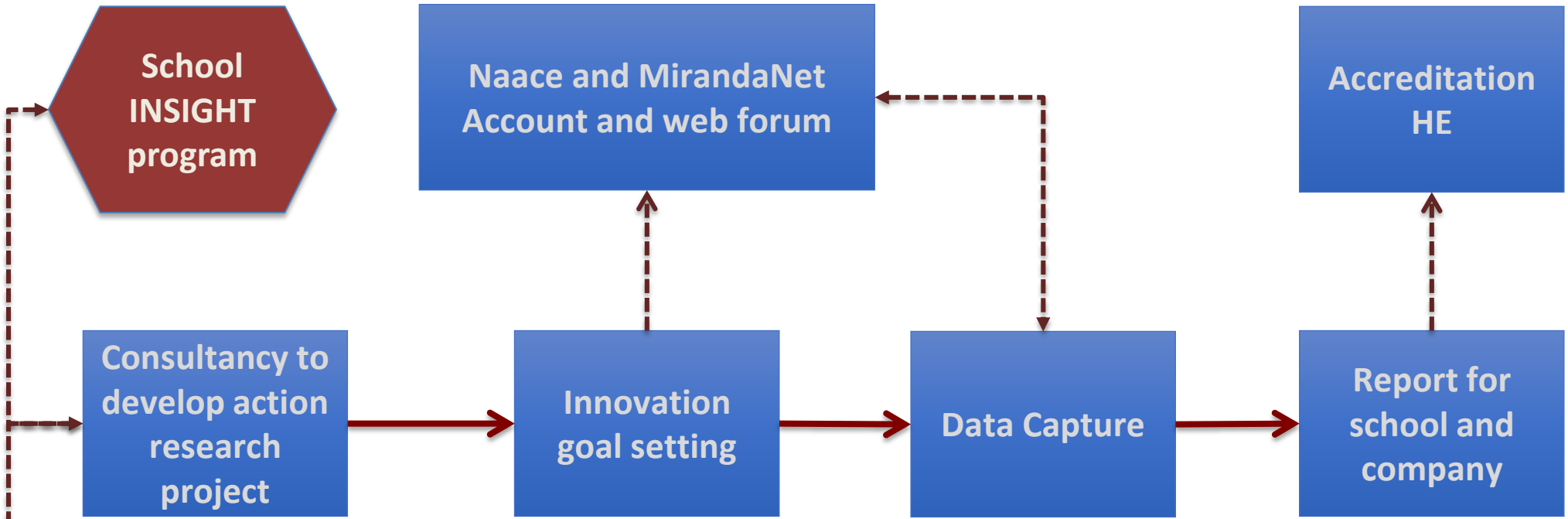


iCatalyst INSIGHT projects in:
 Bulgaria
 Czech Republic
 China
 Mexico
 The Netherlands
 South Africa
 UK

Collecting data from the community as co-researchers to pinpoint evidence of effective teaching and learning

Delivering 'buy-in' to change

- Manage, define and measure improvement
 - Change management, including impacts on and changes for the workforce
- Implementation of changes to process agreed by all stakeholders company representatives, Naace members and schools
 - Deeper engagement, extending learning and improved achievement
- Pathway to accreditation with 2,000 report on results
 - Hand over DMU for 5,000 word report and 30 credits



iCatalyst process & online mentoring

