

Reaching out to schools

Owain Davies

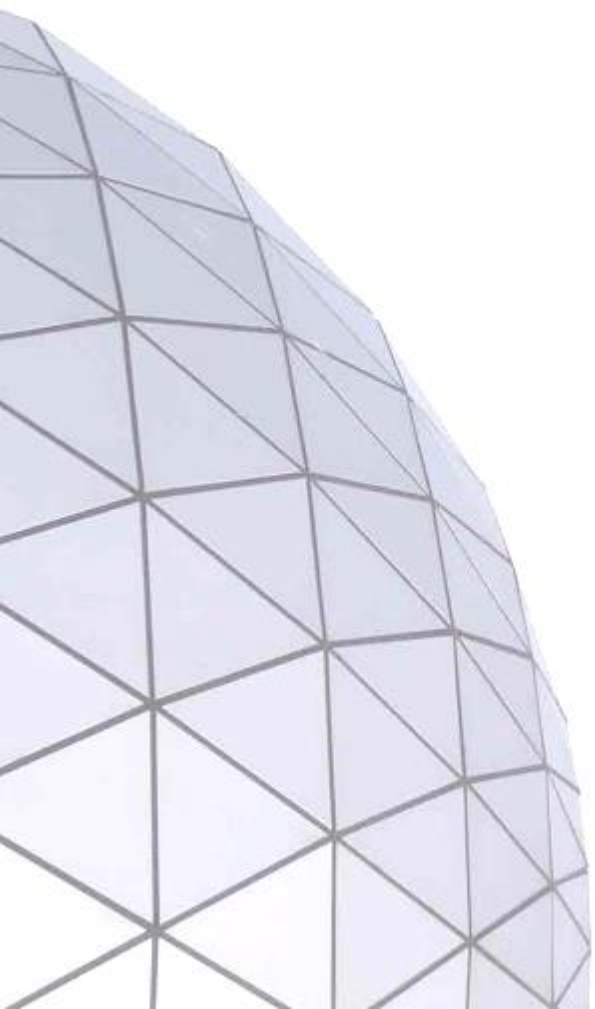
Creative Director

Techniquest

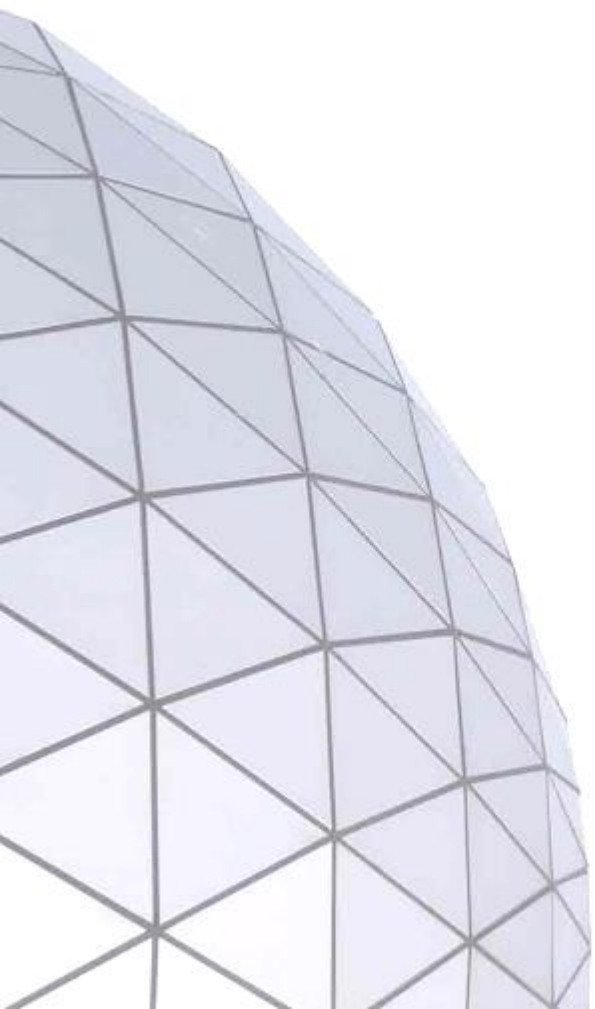
TECHNIQUEST



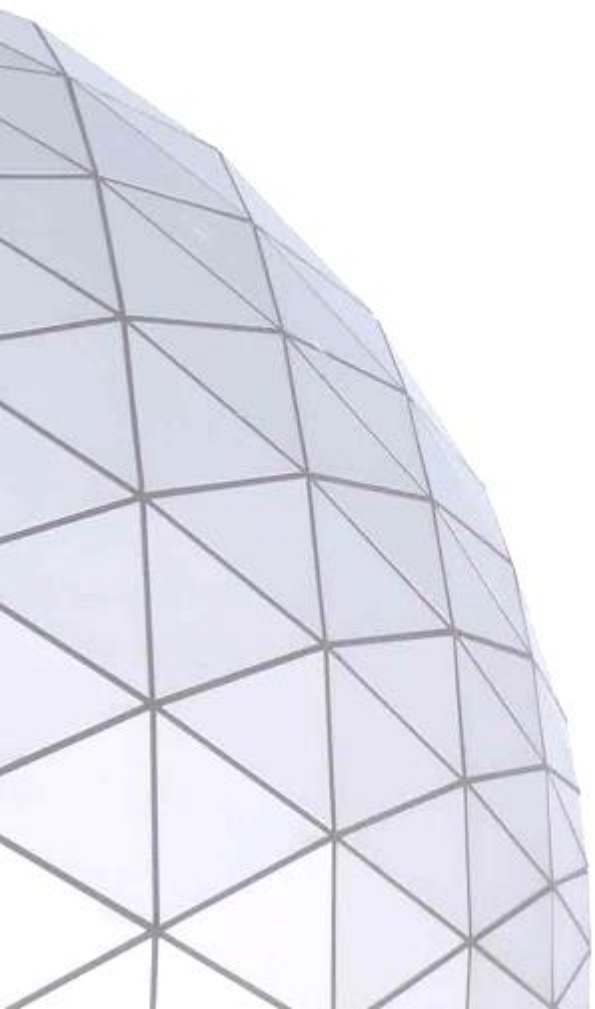
Where *is* Wales?



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Techniquest

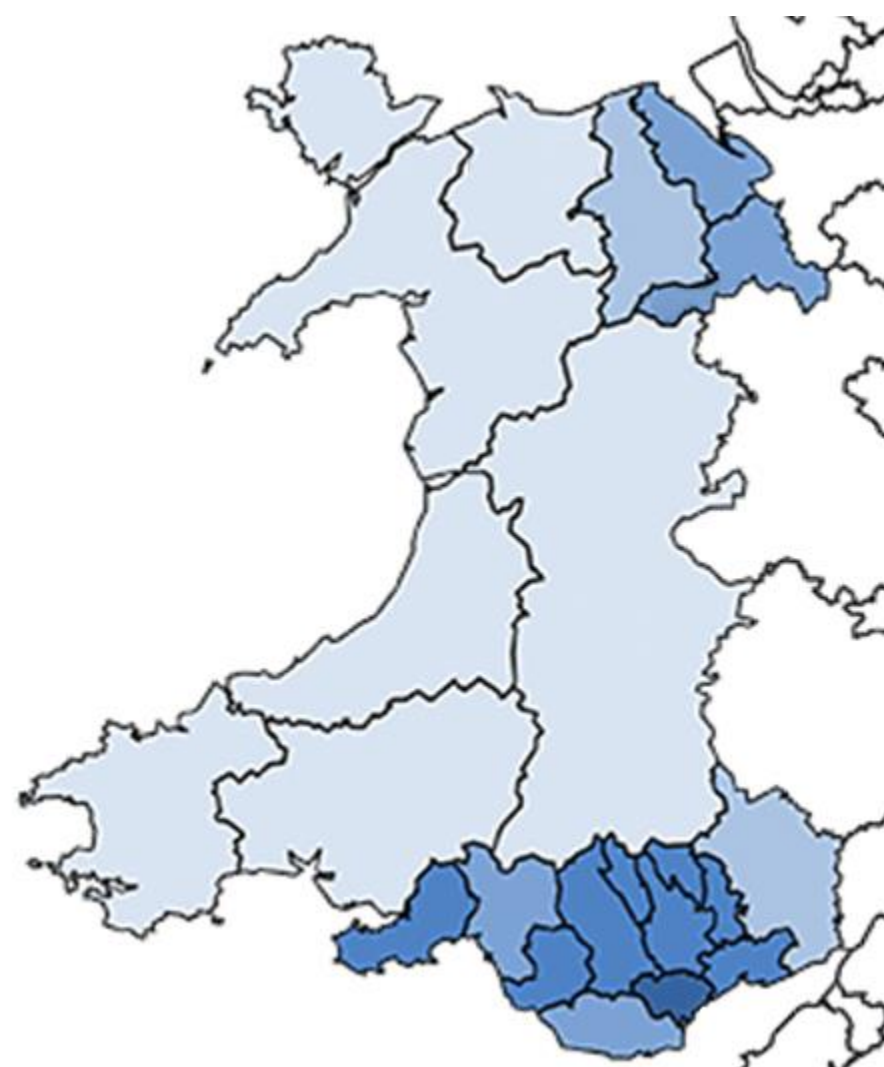
- Techniquest, based in Wales, was established in 1986 as an educational charity. We are the UK's oldest science centre.
- Our mission is to engage people in science and motivate them to learn more.
- Flagship centre in Cardiff, capital city of Wales.
- Techniquest also operates large-scale outreach activities across Wales.
- Outreach is a core strategic principle, supported by our government

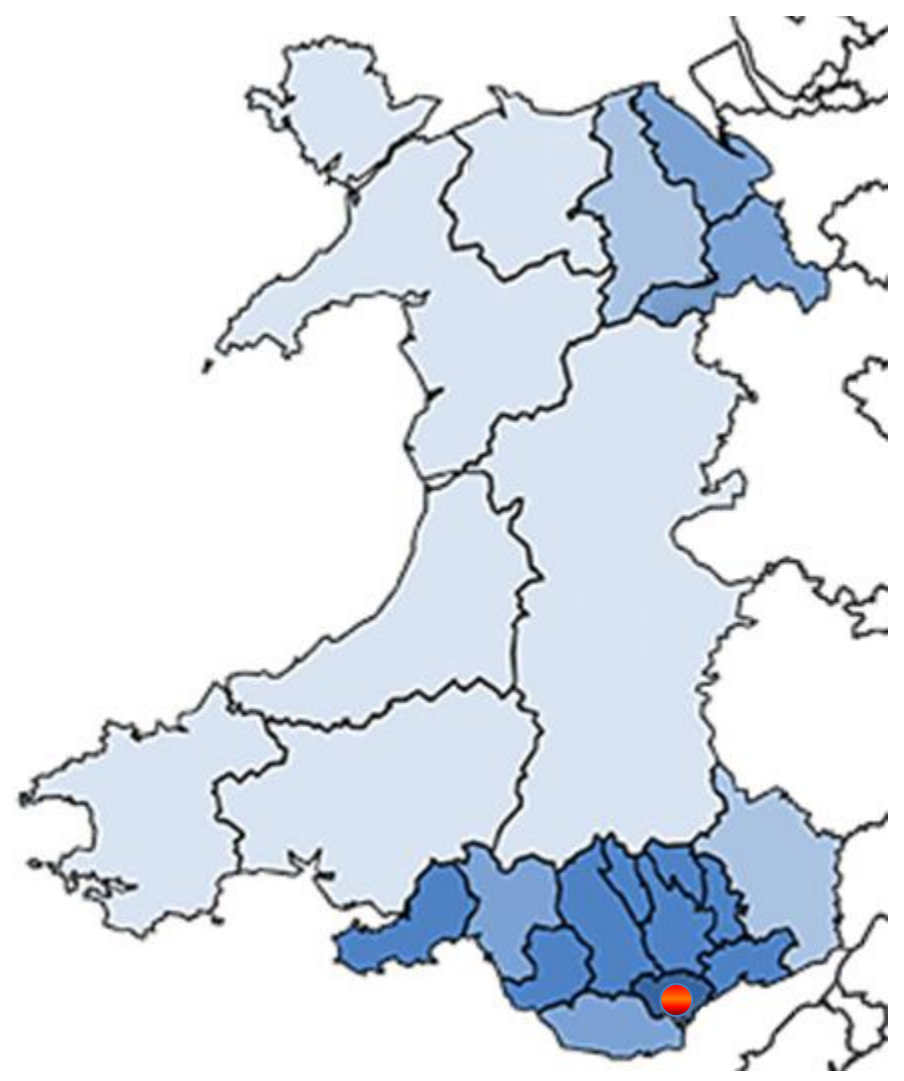




The need for outreach

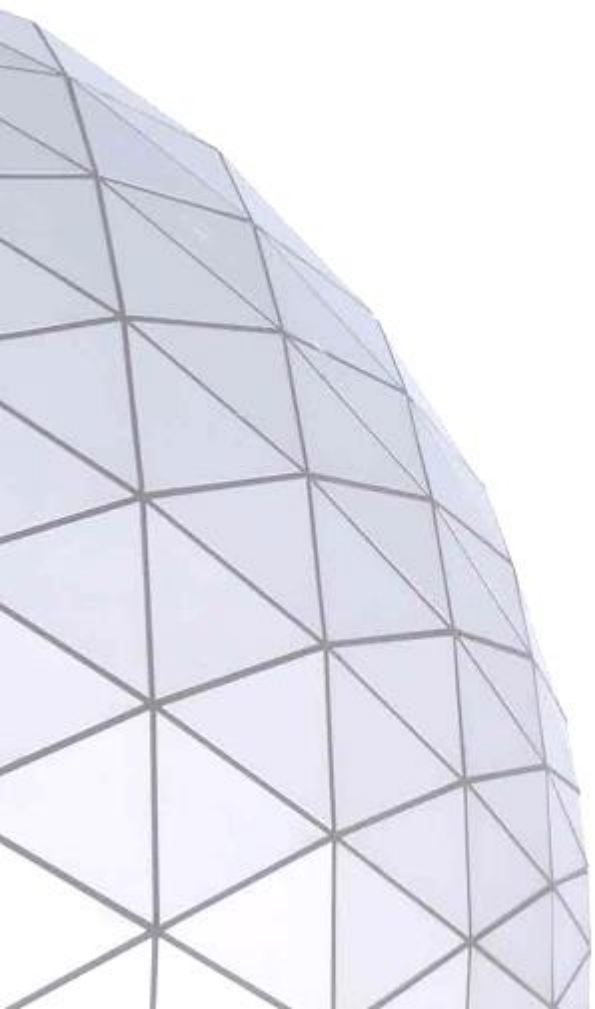
- Geographical barriers
- Demographic barriers
- Cost and organisational benefits to schools
- Allows us to build a progression of experiences over time
- Complements community outreach approach
- Does not diminish fixed site importance, but builds on it



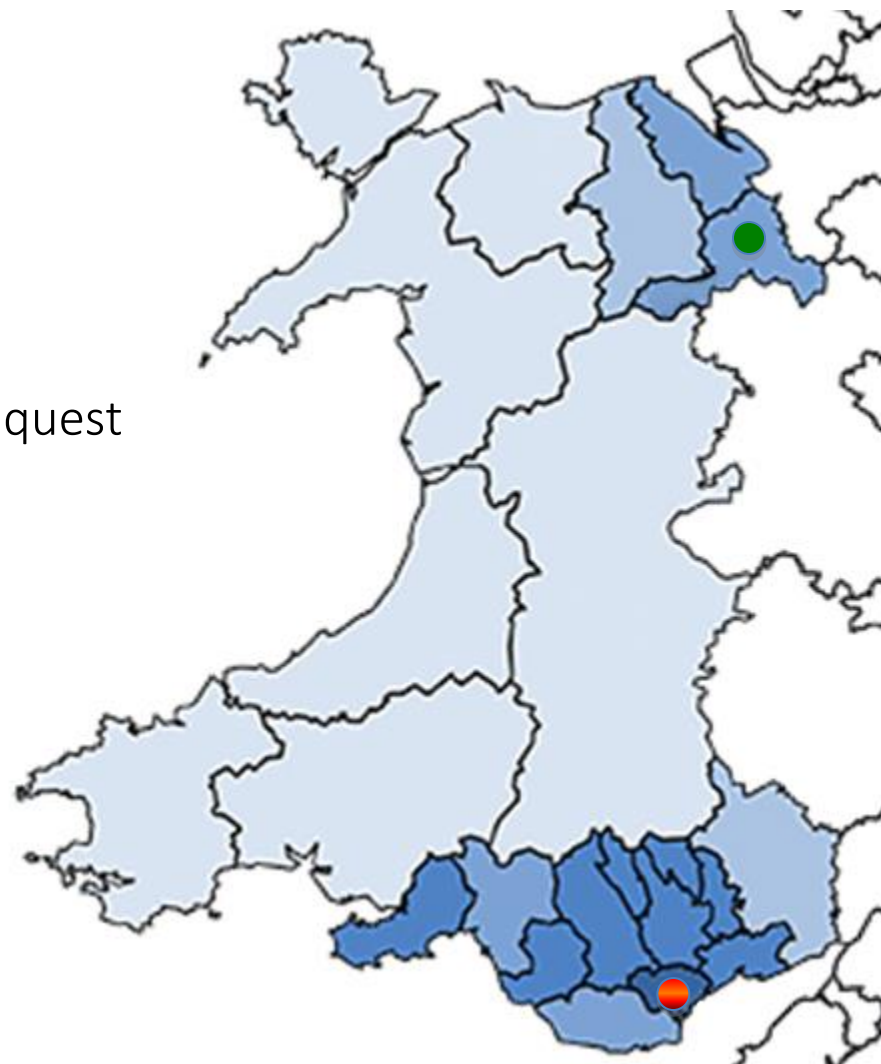


Outreach vision

- To offer all 7-11 pupils in Wales three Techniquiest experiences per year and all other pupils one Techniquiest experience per year.
- We studied a variety of outreach models seven years ago before deciding on a strategy based on the development of a series of regional hubs.
- All formal programming is developed by our in-house team of educational experts while our design and manufacture team are responsible for Kits.

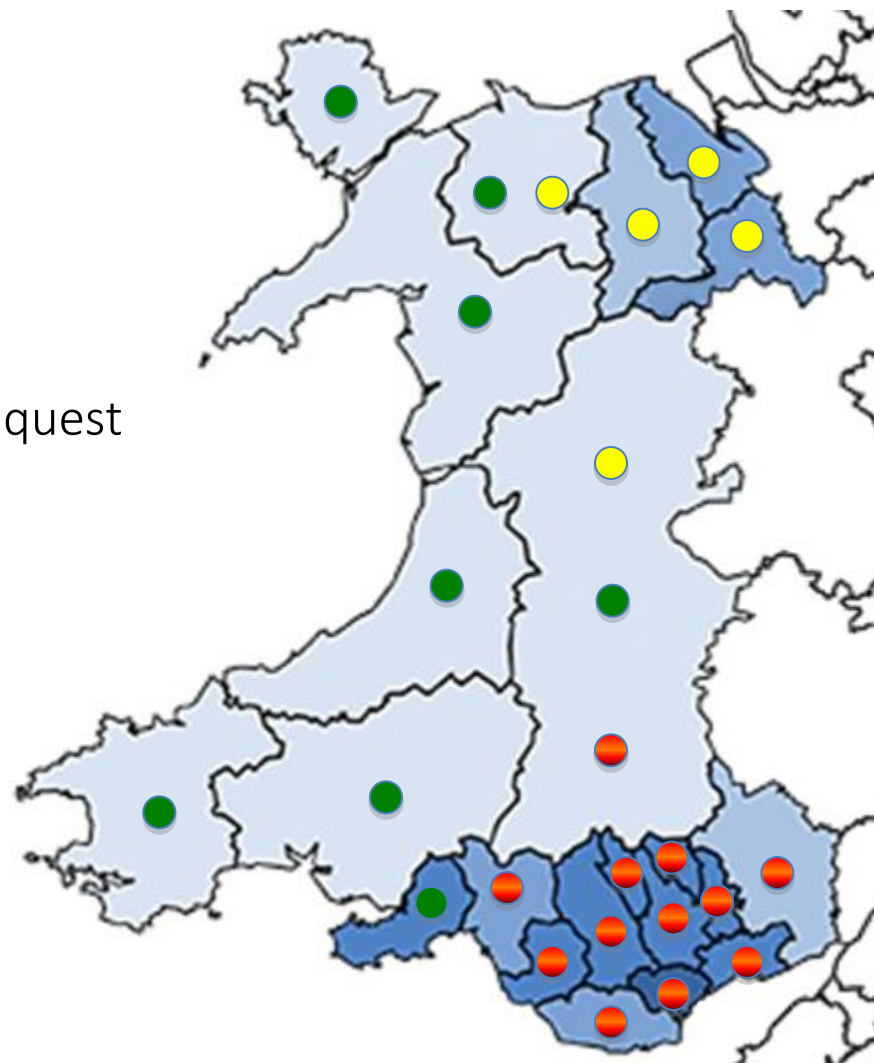


- Techniquest
- TQG





- Techniquest
- TQG
- TLC



Achieving the vision

- Strategy is based on the use of highly robust, mobile resources which can be delivered with, or without trained staff:
 - ◆ Tabletop exhibit kits



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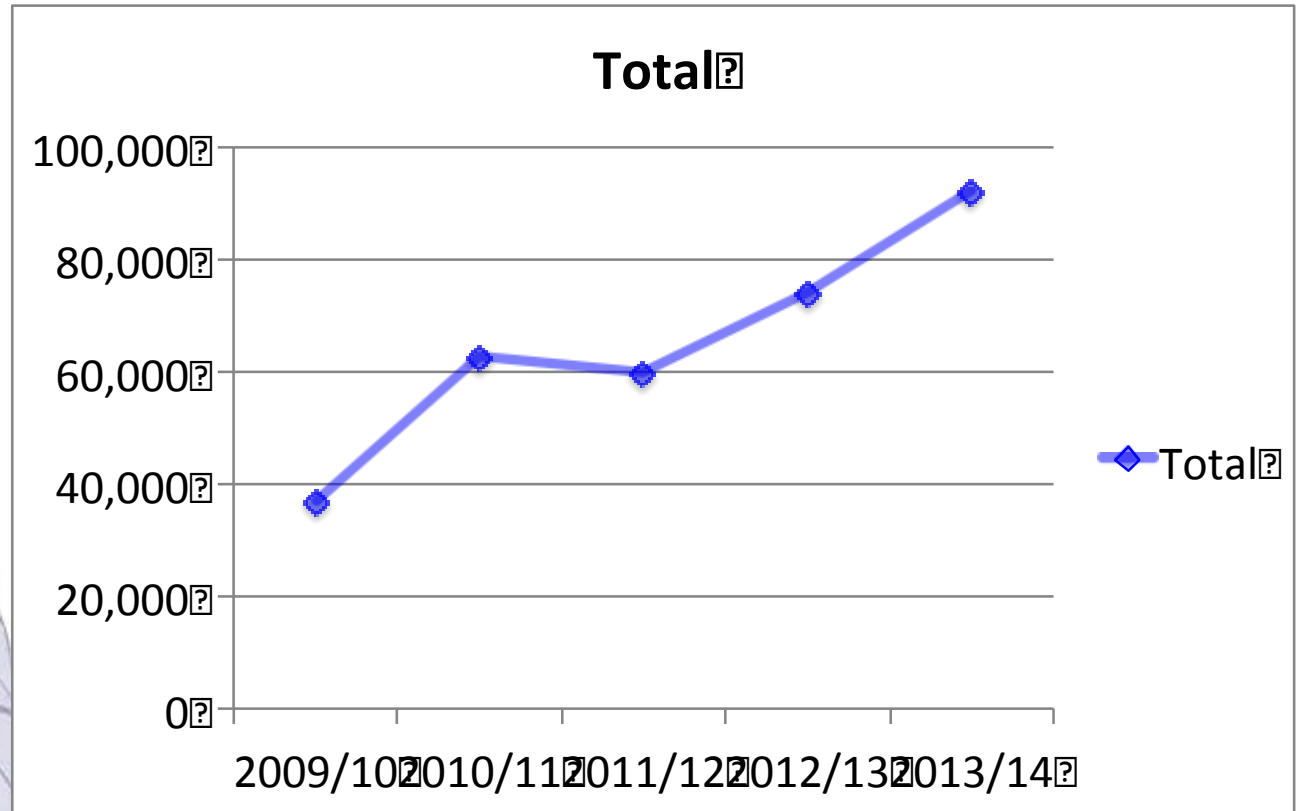
Achieving the vision

- Strategy is based on the use of highly robust, mobile resources which can be delivered with, or without trained staff:
 - ◆ Tabletop exhibit kits
 - ◆ Schools shows
 - ◆ Workshops
 - ◆ Starlab
- All materials developed and manufactured by Techniquest to ensure quality standard

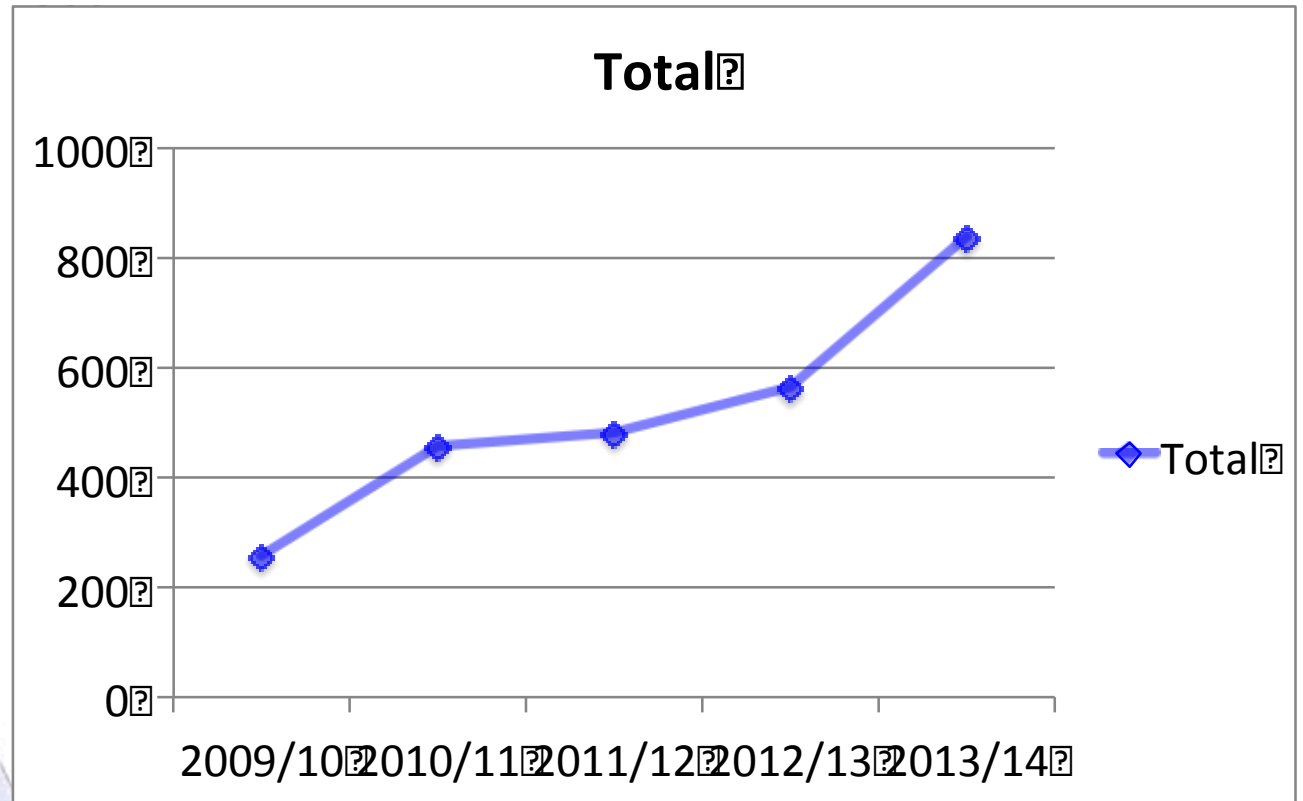
The Results ...



Pupil Engagements



School Engagements



Teacher Engagements

- Teachers CPD

325 Primary Sessions

120 Secondary Sessions

550 additional teacher days of training

- Teacher Engagements

500 Primary Sessions

250 Secondary Sessions

Challenges

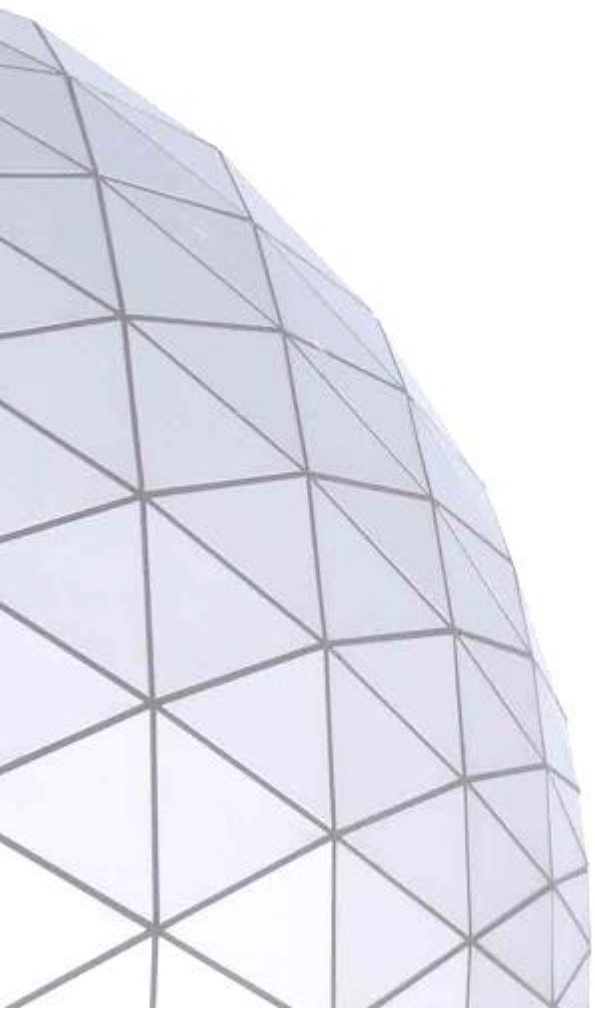
- Changing requirements from schools, students and teachers
- Differentiation in requirements from primary (under 11) and secondary (over 11) schools
- Presenters
- Logistics and organisation
- Marketing
- Funding

Solutions

- Flexibility in our offer
 - ◆ Diverse range of materials
 - ◆ Scalable offers
- Adapt our strategy to align with funding opportunities.
 - ◆ Reach The Heights
- Relationship building with teachers, schools, education authorities and other educational providers.
- CPD







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