

# Dragons' Den of School-Partnership Sustainability

*Engage 2016 – Conference workshop feedback*

## Partnership 1. The Open University and Denbigh Teaching School Alliance

- Benefits to individuals
  - 2. opportunity for involvement with filming
  - 3. experience breadth of research many formats
  - 4. presenter could have been clearer
  - 5. creative, STEM understanding, New Skills
  - 6. students [?], learn to [?]
  - 7. raising individuals opinions
  - 8. broad range of professors voicing opinions
  - 10. awareness of academic research
  - 11. raise awareness of research areas and roles of
  - 12. bite size science, pupils were key public citizens
  - 13. OU + DTSA
  - 14. lots of enrichment opportunities; range of research and intervention types
  - 15. knowledge, skills, creativity
  - 16. media training
  - 17. mini multiple topic lectures, pupil centred approach
  - 18. inspiration, training, awareness raising
  - 19. learning - open lectures
  - 20. awareness of research ecosystem
- Benefits to institutions
  - 2. mini lectures allow units to set perspective of people outside of academia
  - 3. lots of opportunities to be involved, collaborate
  - 5. more STEM interest, national interest, [?] tiers
  - 6. science matters lectures - profs + grad students, promotion of STEM, media training films
  - 8. community links/ties
  - 10. prof-phd students, shared vision, pupil centred, lab to school
  - 11. shared vision
  - 12. research was public, EPQ = 1/2 A level, Extended Project Qualification
  - 14. "shared vision" (?!). "Pupil centred" - students as key publics
  - 17. staff learn to translate high level topic to pupil level
  - 18. nice partnership facilitated by research and teaching time allowances. Diversity and depth. Evaluation
  - 19. curriculum support/enhancement
  - 20. shared vision, pupil centred approach
- Benefits to wider society
  - 2. educating all
  - 3. skills across pupil groups not just G&T
  - 6. café scientifiques, open dialogues
  - 10. mini lectures of interest, more engaging, films, transferable skills (one-way?)
  - 11. beyond gifted and talented

- 12. Access to Science in a local environment
- 13. broader than gifted and talented
- 14. beyond gifted and talented (really?) | Hmm. Unimpressed.
- 15. beyond traditional catchment.
- 16. citizen students
- 17. shared vision, beyond gifted and talented students
- 18. open nature, skills, beyond gifted and talented
- 20. transferable skills, will [?] [?]

## Partnership 2. Lancaster University

- Benefits to individuals
  - 3. co-create / ownership, research active in school
  - 4. [?] in a box
  - 5. new tools, ownership and usability, young people doing research
  - 6. research in a box -
  - 7. enhanced communication and self-awareness skills
  - 8. enabling young people to do own research
  - 11. inspiring pupils, meeting researchers
  - 12. identified research in action, scenarios, boxes
  - 13. research in a box
  - 14. "Inspiring the next generation."
  - 15. inspiration, opening the pathways
  - 17. pupils gain curriculum links
  - 18. resources, skills, research 'place in world' and 'impact'
  - 19. Learning - engage in research in action.
  - 20. enhance ECRs skills, self-awareness
- Benefits to institutions
  - 3. public engagement for everyone - sustainability inovate [?]/areas, creativity, awareness of importance/input
  - 4. sustainability [?]
  - 5. local + regional + national insights, better communications, ties with schools
  - 6. showcase breadth of research, co-construction to schools - ownership + credibility
  - 8. showcase breadth of LU research increases visibility, reusable resources enhance communication
  - 10. showcases breadth of research, ?? + early career researchers
  - 11. showcased research breadth of university and increase visibility
  - 12. researchers, go to speak, relevance of their research, acronyms.
  - 13. researchers re-evaluate their research. Increase visibility of Uni.
  - 14. Showcase breadth of research. Distributable widely - reproducible model. Communication skills, self-awareness of research value.
  - 17. reusable resources, teachers inform practice
  - 18. curriculum links, co-construction -> 'useful' stuff, skills. Pipeline
  - 19. Showcases research. Reusable resources. Increased visibility
  - 20. career options, etc.
- Benefits to wider society
  - 2. they bring their boxes to other countries

- 3. inspiring next generation
- 5. tools & resources
- 6. offshore countries - parasites in a box to Ghana
- 7. inspiring next generation
- 8. working closely with schools
- 10. inspiring next generation
- 11. can send out local, national, international
- 12. inspiring the local school students, boxes.
- 13. Resources that can be used in schools
- 14. Generic
- 17. globally circulated research
- 18. skills. International reach, inspiration -> 'pipeline'
- 20. inspiring next generation

### Partnership 3. University of Bristol

- Benefits to individuals
  - 2. chose their own topic of research
  - 3. Bridge to university, EPQ focused, across broad range of topic, empowers and expertise, depth! 500 to date!
  - 4. EPQ, support school and have [?]
  - 5. they choose the topic, qualification, access/mentoring at university
  - 6. students keep real [?], greater confidence of [?]
  - 7. the SUPU supports the EPQ researchers are enhanced
  - 8. matched with mentors greater confidence
  - 10. student chooses topic, 500 projects supported, confidence, reflection, inspiring next generation
  - 11. improves projects produced
  - 12. students consider university. Explained the background. Researchers improve and reflect on their work.
  - 13. Bristol and EPQs. Increased confidence and communications
  - 14. 500 projects (!). Real research collaboration.
  - 15. academic outcomes, inspiration
  - 17. inspiring researchers and young people
  - 18. EPQ support. Skills confidence, mentoring - R + P, inspiration
  - 19. Student-led. Prepares students for universities
  - 20. EPQ completion, training for researchers -> confidence + enjoyment
- Benefits to institutions
  - 2. students could be more ready for H.E.
  - 3. To way in school/[?], confidence / reflect, open to all researchers,
  - 5. find out what matters to young people, more young people understanding university + marketing university
  - 6. good for schools - advice from teachers + students [?], Higher [?]
  - 7. preparing students for university + [?] students and provide specialist knowledge
  - 8. motivation, provide resources, high grades for EPQ - prepare students for HE
  - 10. motivates students, supported + engaged students, increases Higher Education participation - prepares students, inquiry skills

- 11. researchers trained and get mentoring expertise
- 12. Access to 15 schools to introduce the university. Real researchers on show.
- 13. Higher attainment of students
- 14. Engagement training and application - good induction scheme.
- 15. resources and motivation
- 17. all faculties and subjects, more resources and information available for schools
- 18. structured support with mutual benefit - outcomes, resources, specialist knowledge
- 19. Open to all researchers
- 20. bridging gap to university study
- Benefits to wider society
  - 3. enquiry, skills/critical thinking
  - 5. Young people who have experienced real projects
  - 6. [?]
  - 7. [?] thinking engaging community and [?] students for university
  - 8. engaging community, critical thinking
  - 10. broad reach, critical thinking, mentoring [?] Library
  - 11. supports passion
  - 12. PD for teachers - Specialist knowledge, motivates their students. Bridges the gap between university and school.
  - 13. Critical thinking
  - 14. (spoke to teachers)
  - 15. critical thinking and enquiry skills
  - 17. preparing young people for critical thinking
  - 19. Critical thinking developed
  - 20. improve critical thinking skills

#### **Partnership 4. University of Southampton**

- Benefits to individuals
  - 1. talk to us
  - 2. accessible packaging
  - 3. worse member of schools
  - 4. [?] could have been clearer
  - 5. get what they need, network
  - 6. better networks
  - 7. talk to U.S.
  - 8. talk to u.s.
  - 10. six projects, multifaceted projects, change in process, project coming to close - sustainability?
  - 12. Relationships. Lecturers [?] The teachers
  - 13. Southampton
  - 14. Southampton
  - 17. very practical input lead activity
  - 18. knowledge and skills and resources
  - 19. teachers influence topics
  - 20. learning

- Benefits to institutions
    - 1. dissemination of information, builds links and partnership
    - 3. breadth of disciplines but seems quite education how chosen?, two-way ideas from school
    - 5. improvement to college ideas, network
    - 6. more than the sum of the parts, forensic science [?] but school + university identify needs
    - 10. networks, guidebook
    - 12. Guide book for everyone
    - 14. Connections and quality
    - 17. added resources that schools can avail of.
    - 18. more than sum of parts, more strategic approach (university[?]), resources. Listening to each other to make offer effective
    - 20. partnerships across [?], improved offer [?]
  - Benefits to wider society
    - 1. exposure to new areas
    - 5. network
    - 6. student's more [?] - teacher training
    - 7. Public engagement opportunity
    - 12. 21 schools + 36 teachers
    - 17. high number of participants
    - 18. pupils access to specialist knowledge -> critical thinking skills
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- Two things you liked (one)
  - 1. range of possibilities across universities
  - 3. co-created by schools and university - especially Lancaster -
  - 4. range of topics
  - 5. research in a box
  - 6. research in a box - good students get to communicate
  - 7. exposing students to many things
  - 10. focus of "whats in box"
  - 11. inspiring
  - 12. universities going into schools
  - 14. Scalability of 2 - "In a Box" initiative.
  - 15. tangible and real world issues
  - 16. student ownership, students as citizens
  - 17. EPQ links contributing to actual attainment
  - 18. critical thinking skills
  - 19. student-led nature of 3. 'Murder in the medical school' working with teachers
  - 20. mutual benefit and co-creation strong
- Two things you liked (two)
  - 1. hubs in this case technology working guides developed
  - 3. university takes responsibility to support EPQs especially Bristol
  - 5. project qualification network
  - 6. fabulous booklet - Southampton

- 10. Southampton - responsive to cont?? Interests; innovative tool
  - 11. networking the teachers and institutions to improve activities/resources
  - 12. Its collaboration/mentoring
  - 14. Connectedness of Bristol (3). EPQ support/university application aspects.
  - 15. novel and unique, engages learners
  - 16. media training
  - 17. promoting skills for use un universities
  - 20. helping with transition to HE
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- Three things to improve (one)
    - 3. how to give all researchers chance to be involved instead of pitch and
    - 4. give some background to SUPPI e.g. £, time
    - 5. examples / prototypes / products
    - 10. clarity on what project about
    - 11. partnerships with not for
    - 12. More teacher PD
    - 13. Targeted to needs of schools
    - 14. Long-term plans-articulation.
    - 16. context/process + work with partnerships
    - 17. funding beyond suppi?
    - 19. 3. How can you reach wider?
    - 20. be more visible!
  - Three things to improve (two)
    - 3. Not enough evaluation of impact - not just about numbers
    - 5. who / what / when / why
    - 10. clarity on partnership - what entailed
    - 11. only pupils that select EPQs can benefit! Need to explain EPQs better
    - 12. Further development
    - 13. Co-development of methods
    - 14. 1. What are you trying to change? 2. How does that work?
    - 15. difficult to say without knowing more detail of projects.
    - 16. training for participants
    - 17. school and pupil selection
    - 20. embed across HEI
  - Three things to improve (three)
    - 3. More schools speaking, fewer universities
    - 5. slide (readable + visual)
    - 11. confusing - so many projects
    - 12. Sustainable
    - 13. Broader than the students to influence parents/community
    - 14. FAMILIES.
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- Which partnership do you think is most sustainable
    - 3. 2
    - 4. 2
    - 5. 2
    - 6. 3
    - 7. 4
    - 8. 4
    - 10. 4
    - 11. 2
    - 12. 3
    - 13. 2
    - 14. 3
    - 15. 4
    - 16. 3
    - 17. 3
    - 18. 3
    - 19. 3
    - 20. 2
  - Note the reasons for your choice
    - 3. 2 Lancaster – innovative, broad and with chance for real legacy
    - 5. research in a box - tool is ready for use - schools academics choose what on
    - 6. Bristol EPQ's - focused researchers training to communicate, great [?], students do research
    - 7. the partnership seemed innovative and exposing students to STEM
    - 10. responsive, created innovative tools, changed in process (though not clear if on-going?)
    - 11. research in a box, clear project working with communities
    - 12. Bristol because it was clearly explained
    - 13. can evolve over time and involve new researchers and new research stories
    - 14. Justification of EPQ support and scale of project.
    - 15. meets needs of end users, tangible research led. Links to curriculum.
    - 16. links developed between researchers and schools, little funding required
    - 17. school buy in and tangible evidence
    - 18. around EPQ
    - 19. Firmly in universities agenda of increasing access.
    - 20. seems to have an accessible and simple project in a box
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- Overall how would you rate this workshop (scale 1 to 5, average 4.06)
  - 1. 4
  - 2. 4
  - 3. 4
  - 4. 4
  - 5. 5
  - 6. 5
  - 7. 5

- 10. 3
- 11. 3
- 12. 3
- 13. 3
- 14. 4
- 15. 4
- 16. 4
- 17. 4
- 18. 5
- 19. 5
- What did you like best about this workshop?
  - 1. good starting point to discuss issues and for reflection
  - 2. lots of ideas
  - 3. Opportunity for discussion, learning about multiple programmes - a short time, this evaluation form! Genius!
  - 5. good format - 4 different projects - liked the we foldey thing
  - 6. opportunities for focused discussion with some amazingly diverse stakeholders
  - 7. able to hear [?] [?] and engage yourself with people on your desk
  - 10. creative approach
  - 11. hearing about the different projects
  - 12. The handout. Clear instructions but a lot to take on in a short space of time
  - 13. good to hear what others have done
  - 14. surprisingly effective format - interesting discussions.
  - 15. different format, good mixed group, interesting presentations
  - 16. discussing projects, hearing other projects
  - 17. chance for discussion and exploration
  - 18. balance of information and interactivity, well managed and delivered
  - 19. format fantastic!
- What suggestions do you have to improve this workshop?
  - 1. more time
  - 2. maybe have a little more time and less parts to the session
  - 3. structure good, but perhaps slightly too structured? Too broken up?
  - 4. not enough time to discuss all elements, well facilitated, good range of topics gained much better understanding
  - 5. presenters need more visual slide, time to question presenters or them roaming the room.
  - 6. It was great [?]
  - 7. good generally
  - 10. missing "benefits to community partners", part 2 did not happen, table would have benefited from facilitation
  - 11. bit rushed and form not very clear
  - 12. The partnerships names kept on the projection - it was a little rushed.
  - 13. more time for the itches or time after each to ask questions about each project
  - 14. 1. "Dragons' Den" element would have been better as less of a gag; really commit to the format! 2. Ironically, we've not talked much about sustainability really really.
  - 15. needed a little more information on the presentations to be able to discuss and comment more



- 16. the form was a little confusing, wasn't sure on whether I was thinking about benefits or sustainability
  - 17. remove 'project pitchers' from table to promote further discussion
  - 18. more time for the discussion
  - 19. needed more time
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