



**Notice of a public meeting of
Entrepreneurship in York Schools Task Group**

To: Councillors Fitzpatrick, Reid and Brooks
Date: Monday, 3 November 2014
Time: 2.30 pm
Venue: The King Richard III Room (GO49) - West Offices

AGENDA

1. Declarations of Interest

At this point, Members are asked to declare:

- Any personal interests not included on the Register of Interests
- Any prejudicial interests or
- Any disclosable pecuniary interests

Which they may have in respect of business on this agenda.

2. Minutes (Pages 1 - 4)

To approve and sign the minutes of the meeting held on 17 September 2014.

3. Public Participation

At this point in the meeting members of the public who have registered to speak regarding an item on the agenda or an issue within the Board's remit can do so. The deadline for registering is 5pm the working day before the meeting, in this case **5pm on Friday 31 October 2014.**

To register to speak please contact the Democracy Officers for the meeting, on the details at the foot of the agenda.

Filming or Recording Meetings

Residents are welcome to photograph, film or record Councillors and Officers at all meetings open to the press and public. This includes the use of social media reporting, i.e. tweeting. Anyone wishing to film, record or take photos at any public meeting should contact the Democracy Officers (whose contact details are at the foot of this agenda) in advance of the meeting.

The Council's protocol on Webcasting, Filming & Recording of Meetings ensures that these practices are carried out in a manner both respectful to the conduct of the meeting and all those present. It can be viewed at

http://www.york.gov.uk/downloads/download/3130/protocol_for_webcasting_filming_and_recording_of_council_meetings

4. Report on Entrepreneurship in York (Pages 5 - 28) Schools

This report provides further information in support of the ongoing review on Entrepreneurship in York Schools, and asks the Task Group to agree the next stages for progressing the work on this review.

5. Urgent Business

Any other business which the Chair considers urgent under the Local Government Act 1972.

Democracy Officers:

Name: Louise Cook/Catherine Clarke (job-share)

Contact Details:

- Telephone – (01904) 551031
- Email – louise.cook@york.gov.uk
catherine.clarke@york.gov.uk

For more information about any of the following please contact the Democratic Services Officer responsible for servicing this meeting:

- Registering to speak
- Business of the meeting
- Any special arrangements
- Copies of reports and
- For receiving reports in other formats

Contact details are set out above.

This information can be provided in your own language.

我們也用您們的語言提供這個信息 (Cantonese)

এই তথ্য আপনার নিজের ভাষায় দেয়া যেতে পারে। (Bengali)

Ta informacja może być dostarczona w twoim własnym języku. (Polish)

Bu bilgiyi kendi dilinizde almanız mümkündür. (Turkish)

یہ معلومات آپ کی اپنی زبان (بولی) میں بھی مہیا کی جاسکتی ہیں۔ (Urdu)

 (01904) 551550

City of York Council

Committee Minutes

Meeting	Entrepreneurship in York Schools Task Group
Date	17 September 2014
Present	Councillors Brooks, Fitzpatrick, Reid and Scott (Chair)

5. Declarations of Interest

Members were asked to declare any personal interests not included on the Register of Interests, any prejudicial interests or any disclosable pecuniary interests which they may have in respect of business on the agenda. None were declared.

6. Minutes

Resolved: That the minutes of the last meeting of the Entrepreneurship in York Schools held on Monday 4 August 2014 be approved and signed by the Chair as a correct record.

7. Public Participation

It was reported that there were no registrations to speak under the Council's Public Participation Scheme.

8. Report on Entrepreneurship in York Schools

Members considered a report that provided further information in support of the ongoing review on Entrepreneurship in York Schools, and asked the Task Group to agree the next stages for progressing the review.

The Principal Advisor 14-19 was in attendance at the meeting and additional information was tabled on the Children's University, feedback from St Peters School and details of a recent meeting with the STEM coordinator at Fulford School.

Members considered the Ofsted reports and school prospectuses for the four schools which the Task Group had previously identified as examples of good practice, and made the following comments:

- Queens Park Community School: The Ofsted report showed that the school had succeeded in terms of embedding its business and enterprise specialism within the curriculum and that this permeated other subjects. Members agreed that contact should be made with the school in order to be able to gather evidence of where they were previously and how they got to where they were now. It was agreed that Councillor Fitzpatrick would seek to visit the school when she was next in London.
- St Mary's RC Primary (Falmouth): Members expressed the view that the approach there was based around a citizenship programme and felt that the key element was citizenship rather than entrepreneurship.
- Manchester Enterprise Academy – Members acknowledged the references in its Ofsted report to “links with sponsors, the wider community and world of business” Members recognised that it was important to have good business support and if good sponsors came into a school, it could influence the curriculum in a positive way.
- King James School, Kirklees – Members noted the survey letter dated April 2011 regarding the economics and business education. Due to the fact the school was relatively close and the council had links with Kirklees, Members felt it would be useful to know whether the situation was still the same as when the survey letter had been written. The Principal Advisor 14-19 agreed to contact colleagues at Kirklees to investigate this further.

Officers also provided an update on ongoing work in relation to Science, Technology, Engineering and Maths (STEM) as it was recognised that much of this was linked to product design, creative and innovative thinking and business related activity. However, Members agreed that from an enterprise perspective, the STEM work did not go far enough as the process did not include pupils looking at the marketing and selling of the products they designed.

Officers updated the task group on the refurbishment of a small maths area at Archbishop of York Junior School, responsibility for which had been handed over to the school's pupil council. While it was recognised that this project would not be completed within the timescales of the Task Group's review, Members felt it would be beneficial to talk to staff and pupils from

the school to gain further information on the project. It was therefore agreed that a visit be arranged to the school.

In regard to teacher training, Members queried whether this included an entrepreneurial element. It was confirmed that the council held details of those NQTs in their first year of teaching in York and it was agreed their views should be sought.

Members learnt that the Children's University provided employer led modules delivered with the assistance of York University students. During the year, children took part in a number of activities culminating in a graduation ceremony. Officers advised that it was originally targeted at schools with higher levels of disadvantage but had become increasingly popular with about half of York's primary schools now involved (each making a financial contribution to the scheme). Members agreed this was a method of getting entrepreneurship into schools in a visible way and were pleased to learn there was potential for continuing some activities into secondary schools at KS3.

An update was also provided on the Skills Plan for the Leeds City Region 2013-2015. Members' attention was drawn to Priority 4 "More enterprise and innovation culture in education" but it was recognised that this was more about increasing employability skills than entrepreneurship itself. Officers also confirmed the York and North Yorkshire Local Enterprise Partnership (LEP) was progressing but was not quite there yet.

It was agreed that the next meeting would take place during week commencing 3 November and that representatives from the Children's University (along with one of their business partners), and North Yorkshire Business Education Partnership (NYBEP) be invited to attend.

Finally, Members were advised that on Tuesday 21st October, City of York Council would hold its annual careers event, Steps to Success, for young people at York Racecourse and invited Members to attend this event.

Resolved:

- (i) That the information in the report and annexes, as well as the additional information circulated, be noted.
- (ii) That the suggested way forward detailed above be noted.

Reason: To progress the review in line with agreed scrutiny procedures and protocols.

Councillor Scott, Chair

[The meeting started at 4.00 pm and finished at 5.15 pm].



Entrepreneurship in York Schools Scrutiny Task Group 3 November 2014
Report of the Assistant Director, Governance & ICT

Report on Entrepreneurship in York Schools

Summary

1. This report provides further information in support of the ongoing review on Entrepreneurship in York Schools, and asks the Task Group to agree the next stages for progressing the work on this review.

Background to Review

2. At its meeting in June 2014 the Learning & Culture Overview & Scrutiny Committee considered a scrutiny topic proposed by Cllr Semlyen on “School based teaching of skills related to self employment / entrepreneurship at Secondary ages and at York College. Cllr Semlyen referenced York’s very low record of creating new business or graduate start ups - 316th out of 326 English districts, drawing attention to there being 28% fewer York business start ups in the first 3 months of 2014, compared to 2013.
3. In response officers suggested that the focus could rather be on broader employability skills, including the development of broader enterprising behaviours and an entrepreneurial “can do” spirit. Officers suggested that a review of this topic could research best practice in other Local Authority areas, in order that the findings could be used to influence providers of education and training to adapt successful models to the York context.
4. In June, the Learning and Culture Overview and Scrutiny Committee agreed the topic was suitable for review, and agreed to reform their Careers Education, Information, Advice & Guidance (CEIAG) Task Group to carry out the review on their behalf. In July 2014 the Committee received a further report from officers proposing options for the review, and the Committee agreed the following review aim and objectives:

Aim:

To create a culture in York schools where entrepreneurial learning is embedded, through improving entrepreneurship education and opportunities for employability and enterprise-related activities for York pupils

Objectives:

- i. To identify best practice in other Local Authority areas which perform strongly on relevant performance indicators
- ii. Review current practices in York to identify:
 - a) The commitment of local schools and colleges to develop the relevant skills and enterprising behaviours
 - b) Local good practice
- iii. To identify appropriate sources of employability and enterprise-related activities for York schools

Information Gathered to Date

5. In early August 2014 the Task Group met for the first time to receive a detailed introductory report containing:
 - Background information on Entrepreneurship Education and the relevance of enterprise in education
 - Information on a number of appropriate performance indicators, as referenced in the York Skills Strategy 2013-16 and the in-house 'Create Jobs & Grow the Economy' scorecard.
 - Information on a number of National and European schemes to encourage enterprise in young people
 - An overview of how well UK schools are doing and how they fit enterprise education into an already crowded curriculum
 - Feedback from Ofsted and;
 - Specific information in support of objectives(i) & (ii)
6. The detailed report from August 2014 can be viewed at:

<http://democracy.york.gov.uk/ieListDocuments.aspx?CId=854&MId=8539&Ver=4>

Initial Analysis

7. The Task Group agreed with the definitions of entrepreneurship, the behaviours of an entrepreneur, and the meaning of entrepreneurship in education as detailed in Lord Young's report.
8. The Task Group requested further information (Ofsted reports and prospectus') for the good practice example schools i.e. King James School, Queens Park Community, St Mary's Catholic Primary and Manchester Academy. They agreed to explore good practice in York Primary Schools and how this was being carried forward and developed in Secondary Schools. They also agreed to seek comparison data from an Independent School, suggesting that information be sought on the approach being taken by Independent Schools.
9. The Task Group queried whether there were any local entrepreneurs and organisations currently offering business engagement support to York schools, recognising it may be helpful to seek their views in support of the review. They also noted the findings from the European Commission report on teacher education and training which evidenced the need for a complex combination of knowledge, skills and attitudes. This led the Task Group to question whether or not teachers in York schools were receiving the right training to be able to provide their students with the right kind of support.
10. Finally, the Task Group agreed the Fiver Challenge highlighted in Lord Young's report was a good way to encourage enterprising attitudes in young students. They therefore agreed that as part of their work on the review, they would like to identify a scheme suitable for introduction in York, with the intention of recommending a possible pilot scheme and identifying local entrepreneurs willing to support it.
11. The Task Group also considered a number of good practice guides produced by Ofsted, on developing students' employability and enterprise skills throughout the curriculum, and the Task Group requested further information on four schools identified as best practice examples.

Further Information Gathered

12. In September 2014 the Task group met again to receive detailed information on:

- The four best practice schools, including their school prospectus' and latest OFSTED reports, in support of objective (i).
- CYC's STEM network, designed to encourage exciting and innovative projects and experience for York Students.
- Local good practice examples.
- Teacher training provided by York University
- The Leeds City Region (LCR) Skills Plan, which includes a section on building skills in education, a priority to have 'more enterprise and innovation culture in education, and a specific intention to establish an LCR Enterprise Education task Group
- Actions within the York & North Yorkshire Local Enterprise Partnership's Strategic Economic Plan
- The work of NYBEP in providing a range of enterprise and business related events and challenges to York schools.
- York's Children's University

13. The detailed report from September 2014 can be viewed at:

<http://democracy.york.gov.uk/ieListDocuments.aspx?CId=854&MId=8545&Ver=4>

Analysis

14. (i) - To identify best practice in other Local Authority areas which perform strongly on relevant performance indicators

Of the four schools considered as examples of national best practice, the Task Group were particularly impressed with the work of Queen's Park Community School in Brent and King James's School in Kirklees. In regard to Queen's Park the Task Group noted OFSTED's view that the school had managed to permeate its business and enterprise specialism into its other subjects. In considering the make-up of the school population i.e. the number of FSM, statements of SEN and the number of pupils from minority ethnic backgrounds, the Task Group were impressed with the school's strong stable and sustainable position, and expressed an interest in learning more about the school's journey to success. It was agreed that Cllr Fitzpatrick would visit the school on the Task Group's behalf and provide feedback at a future meeting.

15. In regard to King James's School, the Task Group were impressed with the OFSTED letter the school received in April 2011, noting that at the time, pupils were developing exceptionally strong work-related and enterprise skills together with very good personal financial awareness and basic business understanding. Following a request from the Task

Group, further information is currently being sought from the school on how this was being achieved.

16. Objective (ii) – Review Current Practices in York to identify good practice
The Task Group were interested in the activity going on across York Schools around Science, Technology, Engineering and Maths (STEM), much of which is linked to product design, creative and innovative thinking and business related activity. They noted the variety of activity that was being undertaken through the STEM Network, in particular the recent STEM Inspirations Education Showcase. However, whilst the Task Group agreed the winning projects were impressive, they also agreed an opportunity had been missed to support those pupils to further develop their entrepreneurial skills by investigating the opportunities for marketing and selling their winning products.
17. In October 2015, CYC's 14-19 Principal Adviser met with the STEM Coordinator from Fulford School, who is responsible for Science, Technology, Engineering and Mathematics (STEM) activity at Fulford School. The Co-ordinator is a Higher Level Teaching Assistant attached to the Science department, and a qualified teacher with experience of working in York and beyond. He organises a series of half termly challenges, which teams of four or five pupils enter. The challenges involve problem solving, use of materials and teamwork, and the results are aggregated over the year (on a house system basis) to determine an annual winner.
18. The initiative is now in its fourth year, and whilst the activities are helping to develop broader employability skills (communication, team work, resilience, flexibility etc); entrepreneurship is not a key element.
19. However, this activity has much to commend it, as in addition to providing inspiration around the STEM agenda, it is also contributing to the development of a range of varied international links. Last year following a visit to the school by a group of Head Teachers from Canada, USA and Australia, an international dimension was added to the STEM work when ten schools from around the world became involved (including a girl's school run by the Palestinian Authority in the West Bank). Some of these schools send videos of their efforts and these are posted on a related YouTube Channel (STEM: International Challenge Cup) – see copy of PowerPoint presentation at Annex A, setting out key points and including links to videos.
20. In regard to the planned refurbishment of Archbishop of York's Junior School's Maths area, the Task Group agreed it was an interesting idea to

hand over the project to the school's Council and Eco Committee, and agreed they would like to meet with the pupils tasked with developing costed options for the project. A meeting with the Head Teacher and those pupils will take place in the next few days and feedback from the meeting will be included in a future report.

21. In regard to teacher training, the Task Group noted the role of NYBEP in working with Trainees. There also learnt of a one year teaching qualification available for graduates, provided by the University of York and queried whether any enterprise related training was offered through the Schools Direct Programme.
22. The Task Group agreed they would like feedback from any newly qualified teachers in York Schools in order to identify what (if any) training they had received that had equipped them with the necessary skills to teach/encourage pupils to develop their entrepreneurial skills. Those teachers have subsequently been identified and a brief questionnaire has been issued to them via email – the responses received to date are shown at Annex B. Any further responses received will be tabled at this meeting.
23. Objective (iii) - To identify appropriate sources of employability and enterprise-related activities for York schools
The Task Group were pleased to note the priority within the Leeds City Region (LCR) Skills Plan to have more enterprise and innovation culture in education. They agreed a forum for sharing experiences, good practice and collaboration opportunities was a good idea and agreed it would be beneficial if the York and North Yorkshire Skills Plan included a similar priority.
24. The Task Group agreed to invite a NYBEP representative to this meeting to discuss their work with teacher trainees through their PGCE Programme, their role as STEM contract holder for the York area, and the deliverers of commissioned work related activities which seek to develop enterprise and employability skills in York schools.
25. In addition, the Task Group were pleased to note the involvement of twenty of York's big businesses in the work of the Children's University, recognising their participation was part of their community benefit activity. They agreed that with some adjustment and expansion, the Children's University could be further developed and more York schools could be encouraged to participate. With this in mind, they agreed to invite the Manager of the Community and Volunteering Unit at the University of York to this meeting to learn more about their employer-led

enterprise modules. The invitation was also extended to some of the business partners, and to some of the York schools who had previously subscribed.

26. Finally, an invitation to attend this meeting was sent to representatives of York's Chamber of Commerce, and Federation of Small Businesses, as the Task Group agreed it would be useful to find out whether any of their members had previously worked with any York schools, and how they might do so in the future.

Progressing the Work on this Review

27. Consultation

The following have accepted an invitation to attend this meeting:

- Sue Gradwell - NYBEP Representative
- Jacqui Gunter - Manager (Community and Volunteering Unit, University of York)
- 2 x Children's University Business Partners
- Lesley Barringer - Osbaldwick Primary School (Children's University Subscriber)
- Tracy Ralph - Westfield Primary School (Children's University Subscriber)
- Emma Smailes - Development Manager (York's Federation of Small Businesses)

28. A meeting with the pupils from Archbishop of Yorks Junior School who are leading on the refurbishment of the schools Math area has been arranged for Tuesday 4th November 2014. Feedback from that meeting will be presented in the report provided at the next formal Task Group meeting (date to be agreed).

Council Plan 2011-15

29. The review of this topic will support the Council's priority to '**Create jobs and grow the economy**'.

Implications

30. There are no known implications associated with the recommendations made in this report.

Risk Management

31. In compliance with the Council's risk management strategy, there are no known risks associated with this report.

Recommendations

32. The Task Group are asked to:
- i. Note the additional information provided in paragraphs 14-28 above, and the associated annexes.
 - ii. Consider the feedback provided at this meeting by the attending Consultees
 - iii. Agree any additional information and/or further consultation required to progress the work on this review
 - iv. Agree a future meeting date(s).

Reason: To progress the review in line with agreed scrutiny procedures and protocols.

Contact Details

Author:

Melanie Carr
Scrutiny Officer
Scrutiny Services
01904 552063

Chief Officer Responsible for the report:

Andrew Docherty
Assistant Director, Governance & ICT
01904 55

Report Approved

Date 21 October 2014

Wards Affected:

All

For further information please contact the author of the report

Background Papers: None

Annexes:

Annex A – Copy of Powerpoint Presentation on STEM International Challenge Cup

Annex B – Newly Qualified Teachers Survey Responses

Report Abbreviations:

CEIAG - Careers, Education, Information, Advice & Guidance

ESF - European Social Funding

FSM – Free School Meals

ICT - Information & Communication Technology

LEP – Local Enterprise Partnership

LCR - Leeds City Region

NEET – Not in Education, Employment or Training

NYBEP – North Yorkshire Business Education Partnership

OFSTED - Office for Standards in Education

SEN – Special Educational Needs

STEM - Science, Technology, Engineering and Maths

This page is intentionally left blank

STEM at Fulford

Subtitle

What is STEM

- Science, Technology, Engineering and Mathematics.
- Problem solving.
- Working with materials.
- Communication and teamwork.

A brief history of STEM at Fulford...



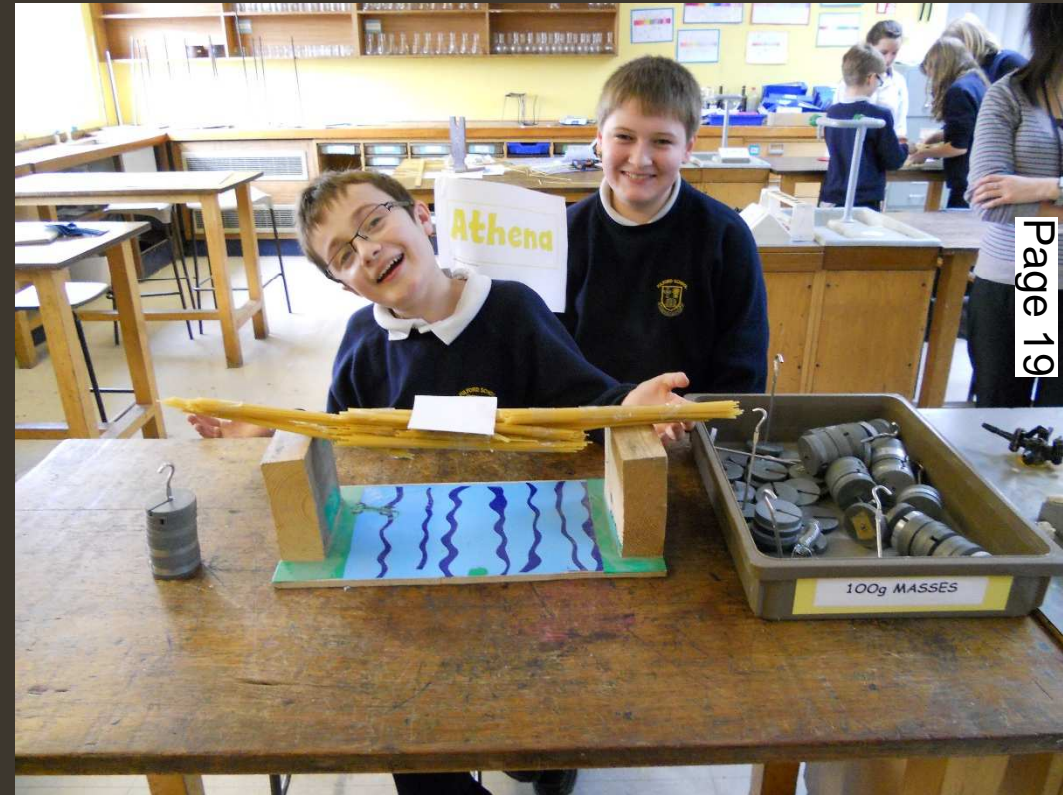
Year 1: The beginning

- Six challenges one per half term.
- Teams of 4-5 in houses.
- Points accumulated to determine winner (Artemis).



Year 2: Progression bigger and slightly better

- Six challenges, one per half term.
- Challenges were more imaginative and complex.
- STEM ambassadors role invented.



Year 3: Going global!



International STEM challenge series invented

- In July 2012 a group of visiting head teachers from AUS, CDN, USA came to visit and we ran a STEM challenge for them with our STEM ambassadors.
- The challenge was such a success that subsequent challenges were sent to schools around the world.
- 10 schools have been involved with the most proactive ones sending videos of their results.

Highlights:

Challenge #1 Crazy catapults results from Taumman Sec Girls School Palestine:

[Challenge #1 results: You Tube link](#)

Challenge #2 Titan Tower results from Saghalie Middle School USA

[Challenge #2 results: You Tube link](#)

The Future...

Continue good progress made with existing competitions.

Look to bring challenges to feeder primary schools.

Thoughts include:

- Come into school and run first challenge
- Bring STEM student ambassadors to help with running activity
- Send out introductory videos to schools so that subsequent challenges are understood



Thank you for your time

Contact details:

Sam Lynn

HLTA for Science Fulford School

Email: lynns@fulford.York.sch.uk

You Tube Channel:

STEM: International Challenge Cup

This page is intentionally left blank

Entrepreneurship in York School Scrutiny Review
Feedback from Newly Qualified Teachers

Survey Questions			
Response No.	1) During initial teacher training, did you receive any inputs that related to teaching / encouraging entrepreneurial skills? (please provide brief details)	2) What experience, if any, have you had to date of activity with a focus on entrepreneurship in your schools?	3) Please give your views on the benefits of encouraging an entrepreneurial approach within pupils' learning programmes?
1	No	None so far	Not all students are academically oriented and encouraging a more vocational/creative way could be good for some students (give them confidence and purpose)
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

This page is intentionally left blank