VIRTUAL INTERNATIONAL CONFERENCE

EVOLVING EDUCATION & CAREERS

SHARE, LEARN & TRANSFORM

This session will begin at: 12:45 BST

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EVOLVING EDUCATION & CAREERS

SHARE, LEARN & TRANSFORM

Careers in the Curriculum – Towards an Integrated Approach
Presented by
Olly Newton, Rudaba Osmani-Edwards,
Lauren Monaghan-Pisano, Yasmin Hemmings, Ryan Gibson and Paula Philpott

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VIRTUAL INTERNATIONAL CONFERENCE
EVOLVING EDUCATION & CAREERS

20 - 22 OCTOBER 2020
www.dmhassociates.org/conference

Rudaba Osmani-Edwards
Head of Partnerships, Big Education

Barbican Guildhall Creative Learning

- A creative alliance between the Barbican Centre and Guildhall School of Music and Drama

- We are committed to arts without boundaries and our mission is Creative Skills for Life

- Our work is underpinned by three core pillars: Education, Employability and Enrichment

What was Careers Rewired?

- Project bringing together teachers, artists and creative employers

- Project-based learning

- Aimed to develop Year 9 and 10 students' knowledge of career opportunities in the arts

- Focus on building students' fusion skills to address creative industry skills shortages

- Supported development of new collaborative partnerships

Employers

- Mixcloud
- Double M Films
- Guildhall Live Events

Schools

- Sydney Russell School
- City of London Academy Highgate Hill
- City of London Academy Islington

Artists

- Torri Stewart
- Endy Mckay
- Youngsook Choi & Pip Longson

Project brief: Why should you be employed over a machine?

1. Consultation with teachers, artists and employers

2. Visit to the Barbican's AI: More Than Human exhibition followed by planning meetings

3. Teachers and artists designed six workshops for KS4 students focusing on fusion skills, with input from employers

4. Students taking part visited the AI: More Than Human exhibition

5. Workshops delivered in school, led by the artists and/or employers

6. Students, teachers and artists visited the workplace of the employer they were partnered with

7. Schools involved in the project took part in a presentation event at the Barbican

8. Evaluation session with teachers, artists and employers

9. Design and dissemination of new learning resource

Sydney Russell School

- Worked with Torri Stewart and Mixcloud

- Each session built around a fusion skill

- Incorporated online tools

- Project mission = what would you do if you were in charge with Mixcloud's aim to connect with young people?

City of London Academy Highgate Hill

- Worked with Endy Mckay and Double M Films

- Each session built around a fusion skill, and rooted in self-reflection

- Worked in small groups on a pitching activity to develop adaptability skills

- Presented what they had learnt to an audience at the project culmination event

City of London Academy Islington

- Worked with Youngsook Choi, Pip Longson and Guildhall Live Events

- Used brief as starting point to explore human-machine collaboration

- Activities rooted in drama, culminating in a theatre piece which developed students' collaboration skills

100% of teachers surveyed agreed or strongly agreed that
'This project will inform and innovate methods of classroom learning'.

Outcomes

- Students improved knowledge of employment pathways in the creative sector and developed a range of fusion skills.

- Opportunity to trial new models of CPD and project-based learning.

- Innovative partnership working model for arts organisations, creative industry employers and schools.

Tips for running a similar project

- Confirm project dates early, and factor in a long delivery time.

- Schedule sessions that work for the school – within timetable or after school.

- Keep workshops practical and participatory.

- Give the time and space to meet and build relationships with partners.

- Useful to have someone to broker relationships between employers and schools (e.g. an arts organisation).

Find out more about the project and download the Learning Resource at
sites.barbican.org.uk/CareersRewired

"I became way more confident. I was always scared to talk to classmates, but this taught me team work" Student, City of London Academy Islington

barbican

GUILDHALL SCHOOL

'Careers in the Curriculum - An Integrated Approach'
Ryan Gibson
Academies Enterprise Trust

Academies Enterprise Trust
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| Discover what's possible | Push the limits | Be unusually brave | Be big-hearted |

Context

- **32 Primary Schools**
- **21 Secondary Schools**
  - 11 Secondary Schools with Sixth Forms
  - 10 Secondary Schools without Sixth Forms
- **5 Special Needs Schools**
- Over **100 apprentices**
- Over **30,000 learners**
- Over **5,000 staff**

Coronavirus: Lockdown pupils are three months behind, say teachers

By Judith Burns
Education reporter

1 September 2020

Coronavirus pandemic

NFER Research suggests "Children in England are 3 months behind in their studies after lockdown... with boys and poorer pupils the worst affected".

Our Challenges

GOOD CAREER GUIDANCE

GATSBY

The Gatsby Benchmark framework was created in 2014 and introduced in England in 2017/18. Gatsby Benchmark 4 - Linking Curriculum Learning to Careers - "is where schools have furthest to travel"

Yet these challenges are our opportunity...

> *Careers provision is at the heart of our recovery planning, linking to the overall intent of our schools and helping us to fulfil our core objectives - it is too important not to be.*
> **- Julian Drinkall, CEO, Academies Enterprise Trust**

- Children spend most of their time in schools in a classroom with a teacher
- The evidence suggests that integrating careers learning into curriculum has a positive impact on personal effectiveness, career readiness and educational outcomes
- The pandemic has taught us that we can make better use of technology and different approaches to learning

Sample of Project Based Approaches Implemented across AET Academies since March 2020

Y8 Science + national manufacturing company

Y10 Maths + music studio

Y10 RE + local Baptist church

Y8 History + local MP

Y8 Science + global car recycler

Y10 Music + recording studio

Y9 History + military historian

Y10 Geography + city planning team

Y8 Maths + steel pressings company

Y10 H&SC + local care home

Y8 History + regional business park

Y10 English + local newspaper

Y9 Science + Paramedics

Y10 Maths + Orthoptics

Y8 English + Orthoptics

Y7 English + Dietitians

Y7 Geography + Dietitians

Y7 Maths + Occupational Therapy

Y7 Science + Osteopathy

Y8 English + Speech & Language Therapy

Y8 Maths + Therapeutic Radiography

Y8 Maths + Podiatry

Y9 MFL + Speech & Language Therapy

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Make the Curriculum Objective the Driver

Be clear about your objective - be specific about what you need students to know and be able to do - resource the learning with an applied context - look at what resources currently exist and use these to support your objective - set the students a key task/question - engage with an employer from the beginning and be clear about their input - capture the impact on students

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Career Leaders working more closely with Leaders of Teaching and Learning

- The world of work is changing and therefore we have to **help students to be fluent in the unfamiliar.**

- Focus on **clear objectives** and **specific, defined outcomes**

- Align the approach with the **wider objectives of the school**

- Plan for careful and precise **contextualised delivery,** so that learning is real and relevant

- Recognise and **build upon prior learning**

- Use **multiple sources to engage students** and develop understanding

- Pick up on and **address misconceptions**

- Create **opportunities for students to showcase their knowledge, skills and understanding and receive feedback**

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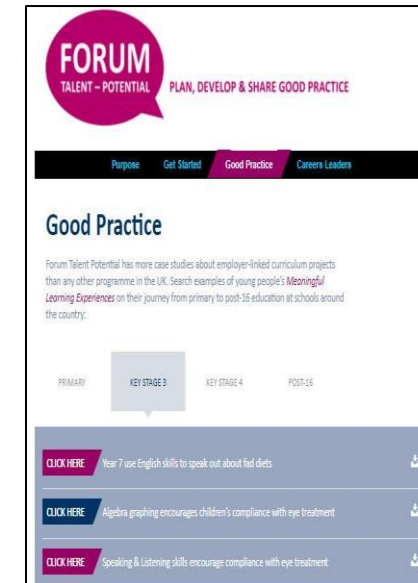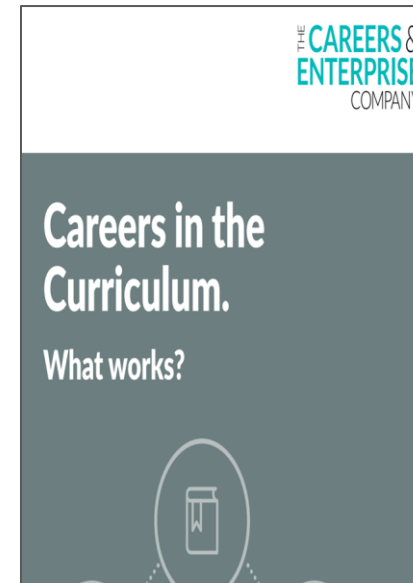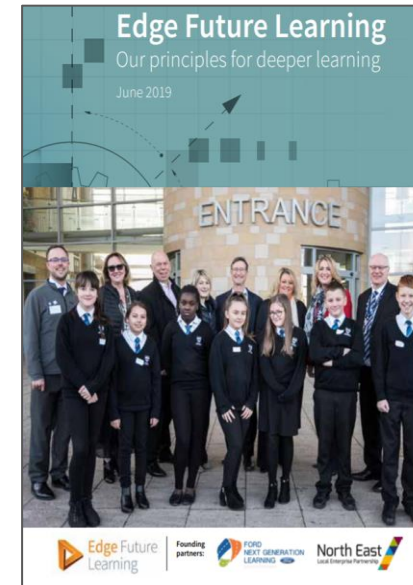| Be unusually brave | Discover what's possible | Push the limits | Be big-hearted |

Integrating Careers Learning into Curriculum

- **Audit Existing Provision** - what is working well and what could be enhanced
- **Staff Development** - staff training, CPD and Staff Placements in Industry
- **Curriculum Subject Expert Groups** - creating centralised schemes of learning with embedded careers content
- **Subject Champions** - points of contact in every department with a member of staff who has responsibility for linking careers learning into curriculum
- **Multiple approaches and sizes** - series of starters, individual lessons, series of lessons and long term project approaches
- **Re-define the traditional notion of a classroom** - recognise that learning can take place in many places, be delivered by different individuals and can be planned for maximum impact
- **Technology** - Make use of new technologies and different ways of working
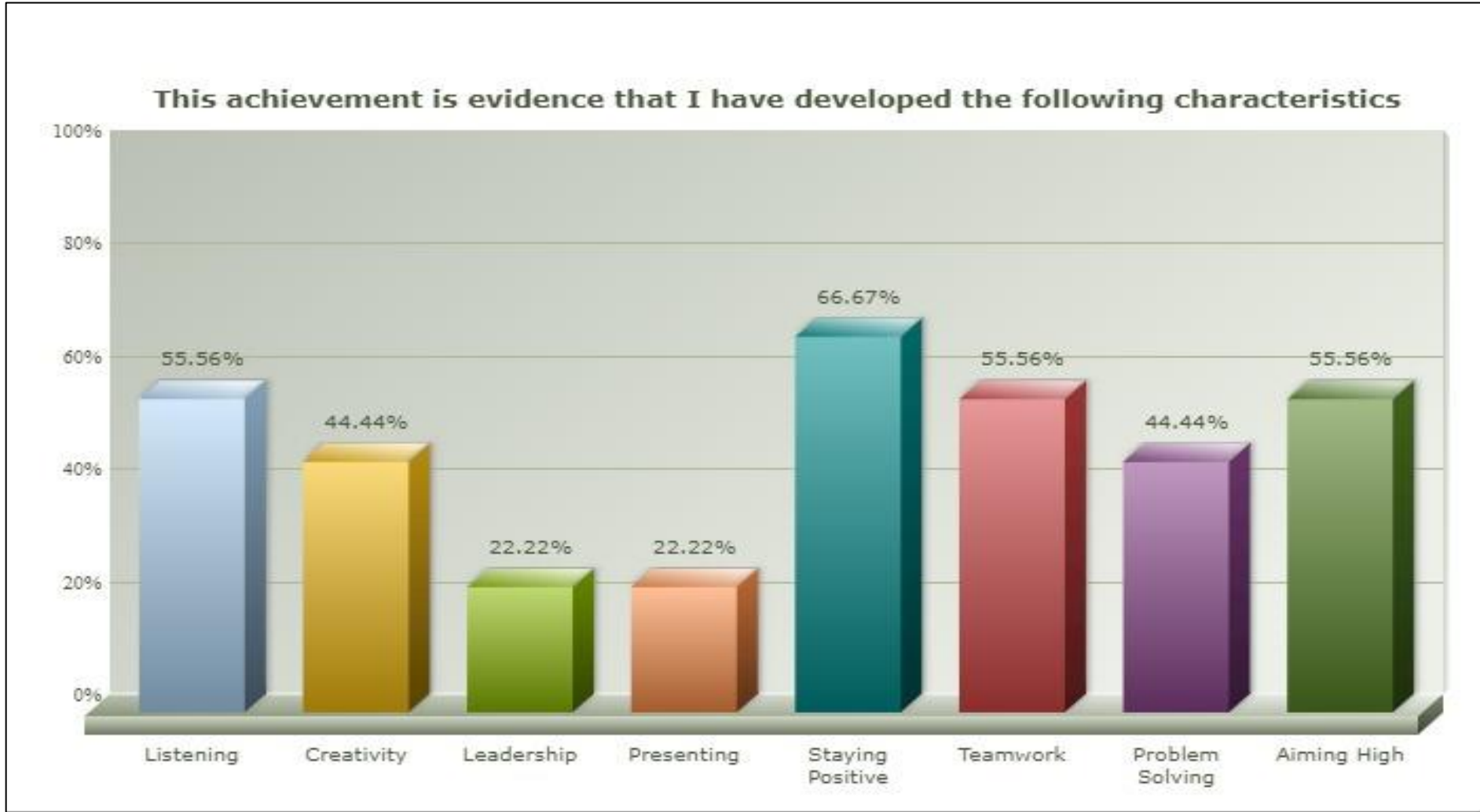
Some Guiding Principles

1. All Teachers - not just Career Leaders

2. Build Internal Capacity and Design for Sustainability

3. Fully Inclusive for every child

4. High Impact (but potentially less demanding) employer role

5. Build a strong evidence base

#OneAE
Careers

Edge Future Learning
Our principles for deeper learning
June 2019

ENTRANCE

Edge Future Learning | Founding partners: FORD NEXT GENERATION LEARNING | North East Local Enterprise Partnership

THE CAREERS & ENTERPRISE COMPANY

Careers in the Curriculum.

What works?

FORUM
TALENT – POTENTIAL   PLAN, DEVELOP & SHARE GOOD PRACTICE

Purpose   Get Started   Good Practice   Careers Leaders

Good Practice

Forum Talent Potential has more case studies about employer-linked curriculum projects than any other programme in the UK. Search examples of young people's *Meaningful Learning Experiences* on their journey from primary to post-16 education at schools around the country:

PRIMARY   KEY STAGE 3   KEY STAGE 4   POST-16

CLICK HERE   Year 7 use English skills to speak out about fad diets
CLICK HERE   Algebra graphing encourages children's compliance with eye treatment
CLICK HERE   Speaking & Listening skills encourage compliance with eye treatment

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Developing the AET Pupil and Enhancing their Skills

...not just their exam results

This achievement is evidence that I have developed the following characteristics

Listening	55.56%
Creativity	44.44%
Leadership	22.22%
Presenting	22.22%
Staying Positive	66.67%
Teamwork	55.56%
Problem Solving	44.44%
Aiming High	55.56%

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Entrepreneurial Pyramid for Students

Developing transversal skills

Entrepreneurial

- Business Mentoring
- Ingenio
- Get the Edge
- Student Companies

Innovation

- CAST/CAPS
- CDIO
- Innovation Funding
- International Partnerships
- 'r&D' Facilities

Enterprise

- Competitions
- Guest Speakers/Industry Visits
- Project Based Learning - PBL
- Student Volunteering
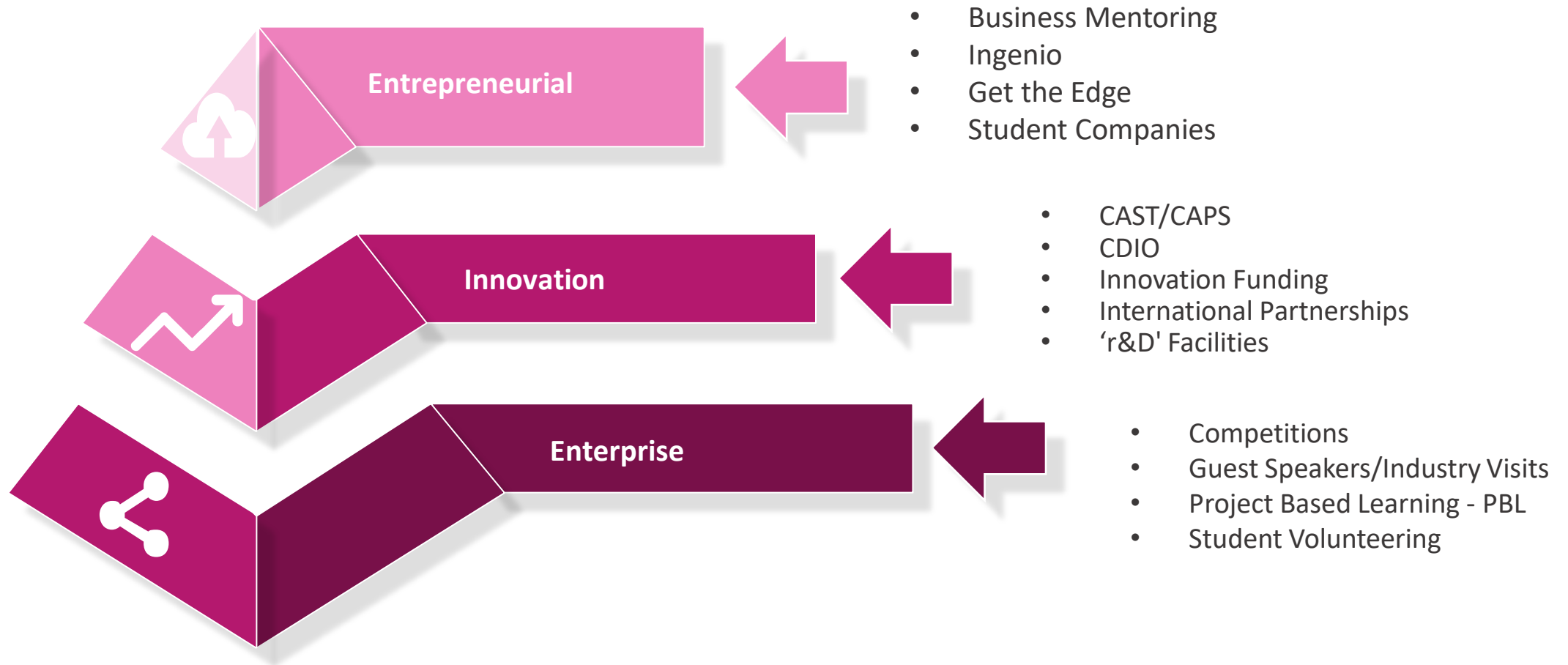
SERC

Project based learning, Enterprise and Entrepreneurship
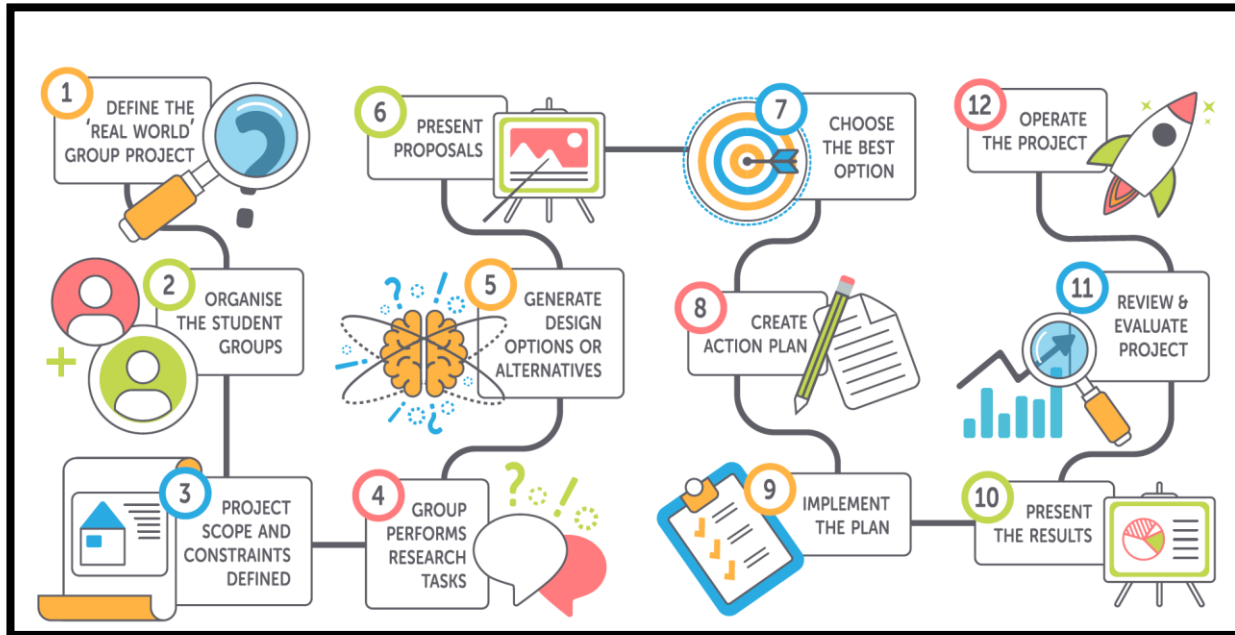
- Intensive training for identified curriculum teams alongside College wide training
- SERC Themes
- Enterprise fortnight
- Dragons Den final
- Student companies – 84 student companies in 19-20 https://www.serc.ac.uk/about/student-companies/
- Internal / external fairs and competitions
- Entrepreneur club https://www.serc.ac.uk/about/enterprise-and-entrepreneurship

Mindfulness, Exercise & Activity

Enterprise, Entrepreneurship, Business and the Environment

Online Learning and Communication

Energy conservation, Upcycling & reducing Waste
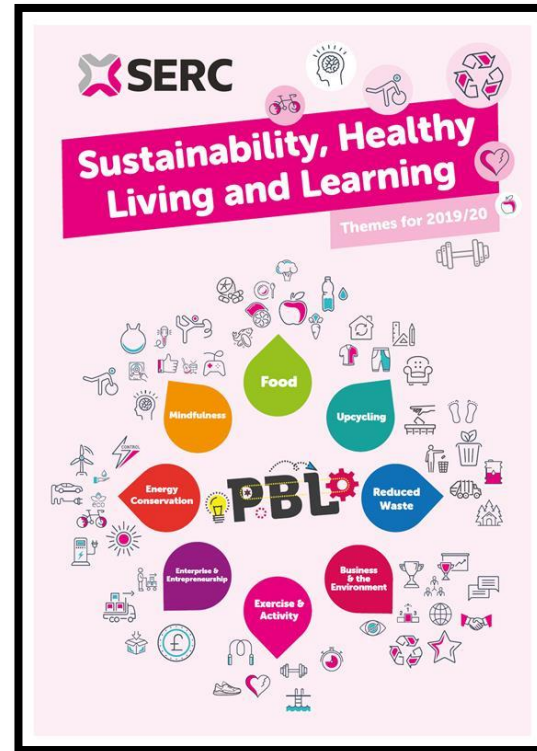
Food & Nutrition

Safety of Individuals & Communities

Project Based Learning themes for 2020-2021

Themes

- Specific themes for projects are used each year

- Mapping of transversal skills

Themes for 2019-2020

Transversal skills development

Enterprise & Entrepreneurship

Innovation

- ANCPOS secures £3,000
- Slurry Safe win YAFTAS
- ANCPOS semi Finalists Invent NI 2019
- TransferWise top 20.

Student Companies

- 84 current
- Trading internally and at external events and taking bespoke orders

Entrepreneurs Club

- 48 individuals bespoke mentoring
- Ongoing events and networking
- Facebook digital marketing event

SERC Goes Green

Zero Shop

Suited & Booted

SERC's commitment to creating entrepreneurial and enterprising students with a social conscience.

- **Eco Committee**
- Environmental Review Underway
- Green Flags status
- Multi Campus Litter Picks

- Ongoing opportunity to purchase environmentally friendly products
- Donate unwanted items for resale.

- Address the waste fast fashion creates
- Offering students the opportunity to pick up interview outfits **F**ree **O**f **C**harge