

Meeting of the South Bank Academies Board

4.00 pm on Tuesday, 17 September 2019
in Trafalgar Street, London SE17 2TP

Agenda

<i>No.</i>	<i>Item</i>	<i>Pages</i>	<i>Presenter</i>
1.	Presentation on LSBU sponsor student engagement programme 2019/20	3 - 64	SB

Date of next meeting
4.00 pm on Thursday, 5 December 2019

Members: Hitesh Tailor (Chair), Richard Flatman (Vice-Chair), Tony Giddings, Nicole Louis, Chris Mallaband, Lesley Morrison, Fiona Morey and David Phoenix

Apologies: Hilary McCallion and Michael Broadway

In attendance: Safia Barikzai, Clym Cunnington, Dan Cundy, Vicky Downie, Alexander Enibe and James Stevenson

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	CONFIDENTIAL
Paper title:	LSBU/SBA Academic Enrichment
Board/Committee:	SBA Board
Date of meeting:	17 September 2019
Author(s):	Safia Barikzai & Vicky Downie
Sponsor(s):	Nicole Louis
Purpose:	To note
Recommendation:	The Board is requested to note the presentation

Executive Summary

This presentation discusses the LSBU Enrichment work with SBA and plans for the future.

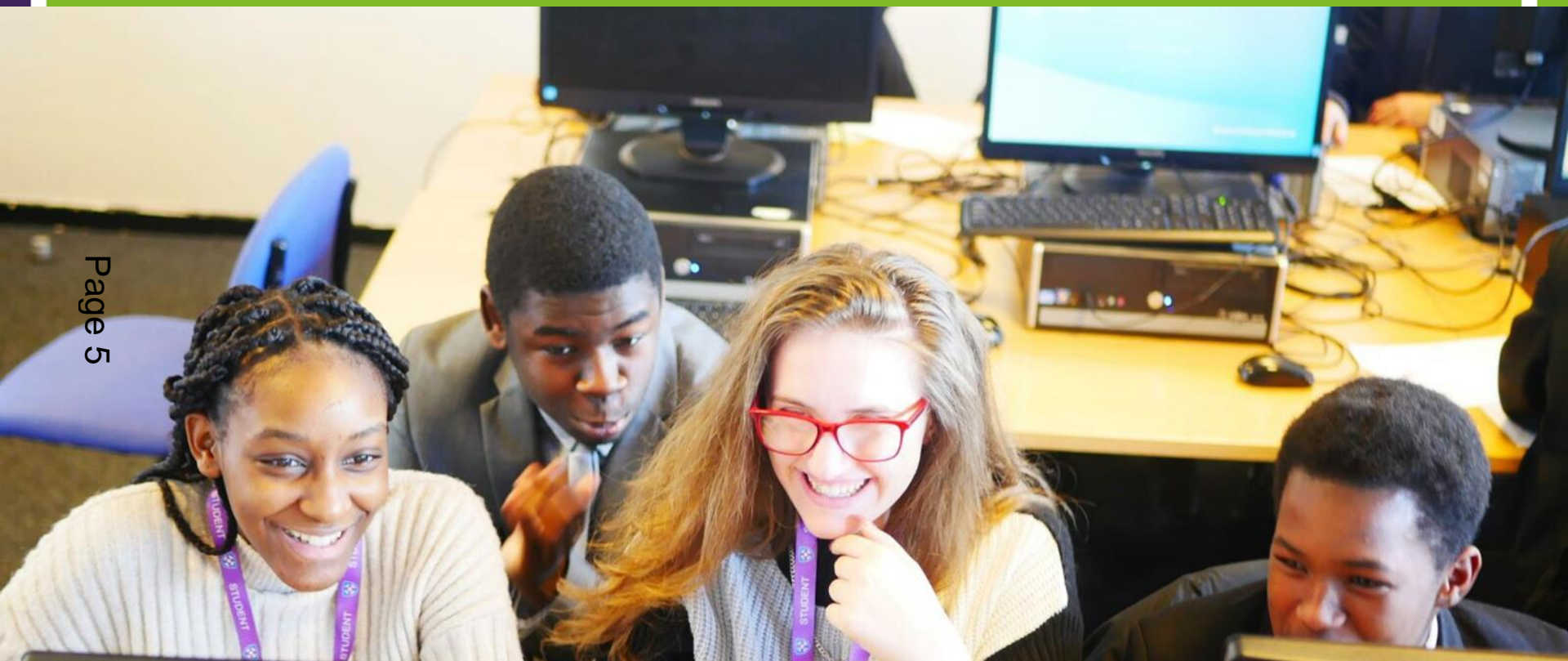
2018-19 Overview

- Academic Enrichment & Engagement
 - Day 10 & Academic Projects
 - Research Informed Teaching
 - Research/Enterprise Funding
- HE and LSBU progression support - Outreach and Widening Participation
 - Two-year HE and LSBU progression programme
 - Additional activities
 - Future initiatives

Questions

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LSBU Family Celebrating Success



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Dr. Safia Barikzai
Associate Professor @ LSBU
Safia.Barikzai@lsbu.ac.uk
Twitter: @safiabarikzai

Meirion Lewis
Vice Principal, UAE South Bank
Meirion.Lewis@uaesouthbank.org.uk
Twitter: @UAESouthBank

LSBU Family - Making a difference

Gatsby benchmarks Good Career Guidance

1. A stable careers programme
2. Learning from career & labour market information
3. Addressing the needs of each pupil
4. Linking curriculum learning to careers
5. Encounters with employers and employees
6. Experiences of workplaces
7. Encounters with further and higher education
8. Personal guidance



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LSBU employability & Enterprise

Working with Employers

- Engaging with SMEs, Start-ups & Entrepreneurs
- Embedding Enterprise & Entrepreneurship
- Working with external organisations – e.g. Association of BME Engineers (AfBE-UK)
- Importance of Role Models
 - Linking LSBU students with industry-based role-models from similar background
 - LSBU student ambassadors role models to school pupils
 - School ambassadors work with primary schools



Invention-based learning

Connecting the curriculum with SMEs/Startups through our Student Enterprise team

Working on real world projects – connecting students with University and businesses

Role Models – inspiring the next generation

InventEUrs Project

Collaboration across EU – working with schools across Europe

Learning through Play

#playfulcoding

SCRATCH



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MIT
APP INVENTOR



education

ES11024

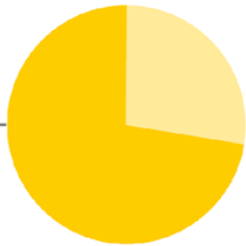
I learn interesting things in science
Age 10-11 (Year 6)

I want to work in science or be an inventor, engineer or doctor
Age 12-13 (Year 8)

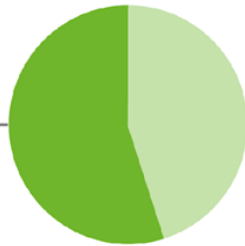
I intend to continue studying science at A level (> two STEM A levels)
Age 15-16 (Year 11)

Actual A level participation (> two STEM A levels)
Age 18 (Year 13)*

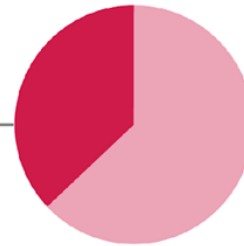
Girls
72%



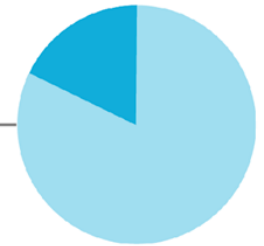
Girls
54%



Girls
37%



Girls
19%



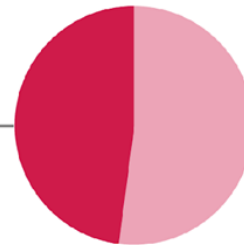
Boys
75%



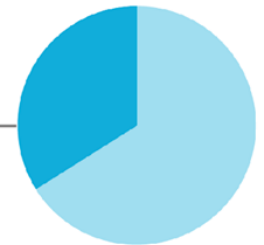
Boys
71%



Boys
48%



Boys
33%



Notes: STEM is science, technology, engineering and mathematics.

* Percentage is based on pupils entered for at least one A level.

Sources: ASPIRES 1 and 2 studies, King's College London, UPMAP study, UCL Institute of Education.



STEM Learning operates the STEM Ambassador Hubs, the National STEM Learning Centre and Network, alongside other projects supporting STEM education
www.stem.org.uk



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Academic Enrichment

Clubs

Academic
Projects

Community

Mini Modules

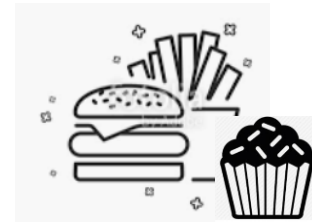
Lecture
Series

Day 10 Enrichment

Academic Enrichment Stats



40+ Days
300+ hours



1000+
portions



All Year groups
1500+ pupils



30+ Student
Ambassadors



Academic Enrichment Topics Covered

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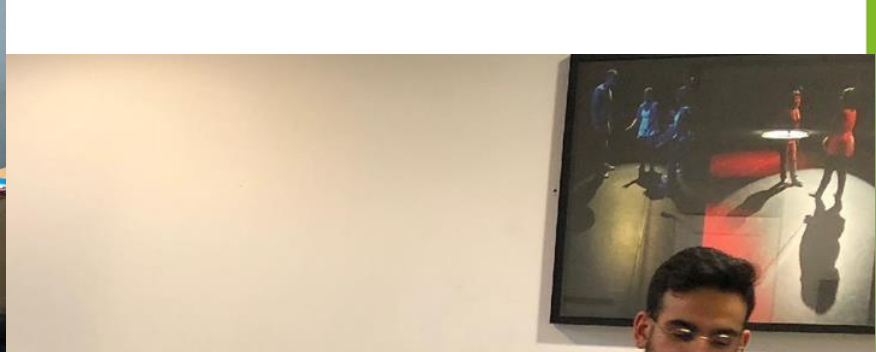


Apps Development Project Supporting Refugees & Migrants

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Fire Safety Inspection

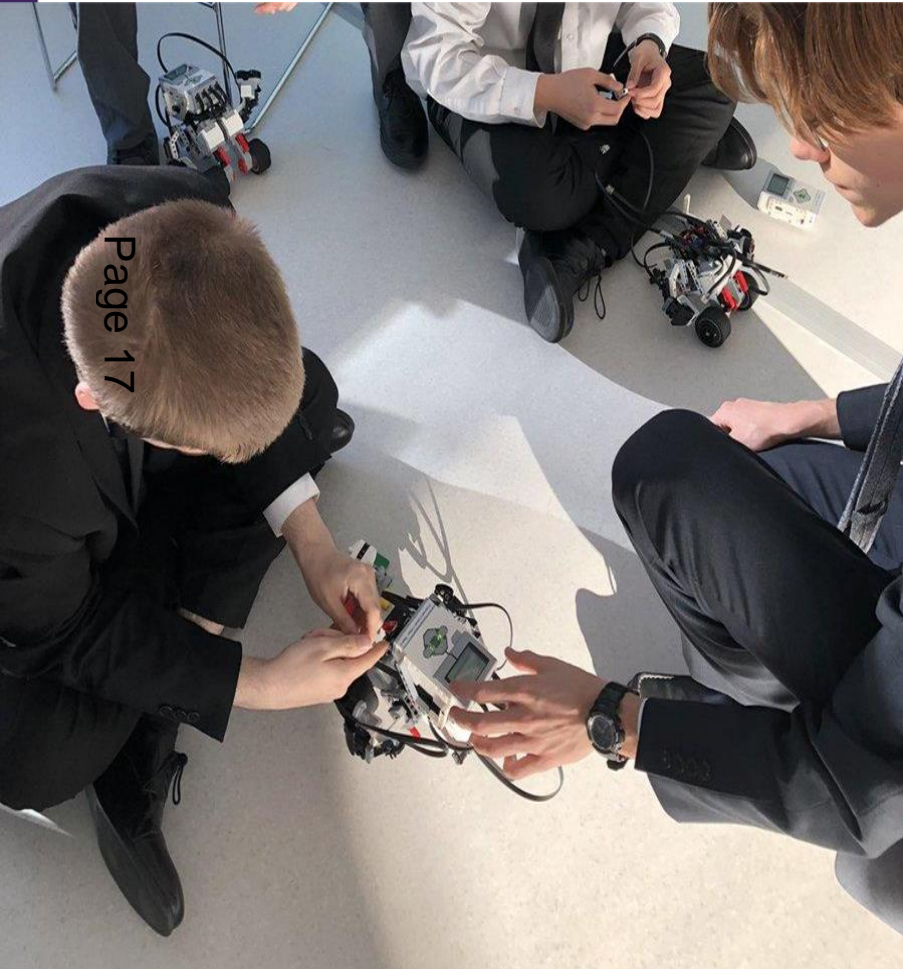


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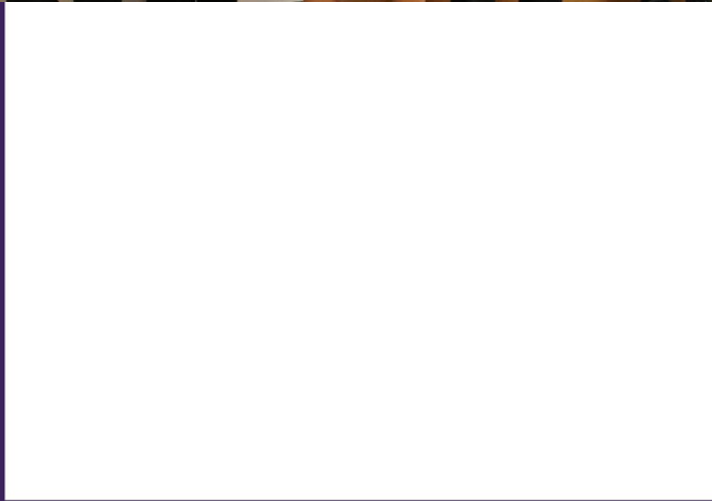


This is from the inspectors.
Your desks is extremely grammable
Please Mr. Jeffrey clear up your desk.

Lego Robotics



Support from Senior Colleagues



Primary STEM Fair at UTC Mission Moon with Lego Robotics



Sustainable Growth

Tried and Tested programme

Easy to replicate

Resource efficiencies identified

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Future: Review, Reflect, Revise

Thematic Enrichment across each year group
Increase Capacity within LSBU
Establish Academic Steering Group
Work with SMEs/Businesses



University Academy Engineering South Bank



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Context

Opened 5 years ago

Approximately 60% PP

STEAM specialism with Engineering focus

Sponsored by LSBU

6th Form opened 2 Years ago (all externally recruited)

First GCSE Cohort this year



Current Provision

Careers Leader in place for 1 year

**Strong links with STEM companies such as
Hendlease, Costain, TfL, Shell etc**

Working with LSBU

New 'Day 10' programme

**Strong links with a range of organisations e.g. Mayor's
Fund for London and ICE**

Linked to Gatsby Benchmarks



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Day 10

- Collapsed timetable for Years 7 – 10 one day every fortnight
- P1 and 2 as normal
- 11:30 – 3:40 becomes a blank canvas that is used to enrich the students' lives
- The year group is split into thirds and they rotate around visits, Community projects and Project Based Learning (discreet 4 hour projects)



Careers

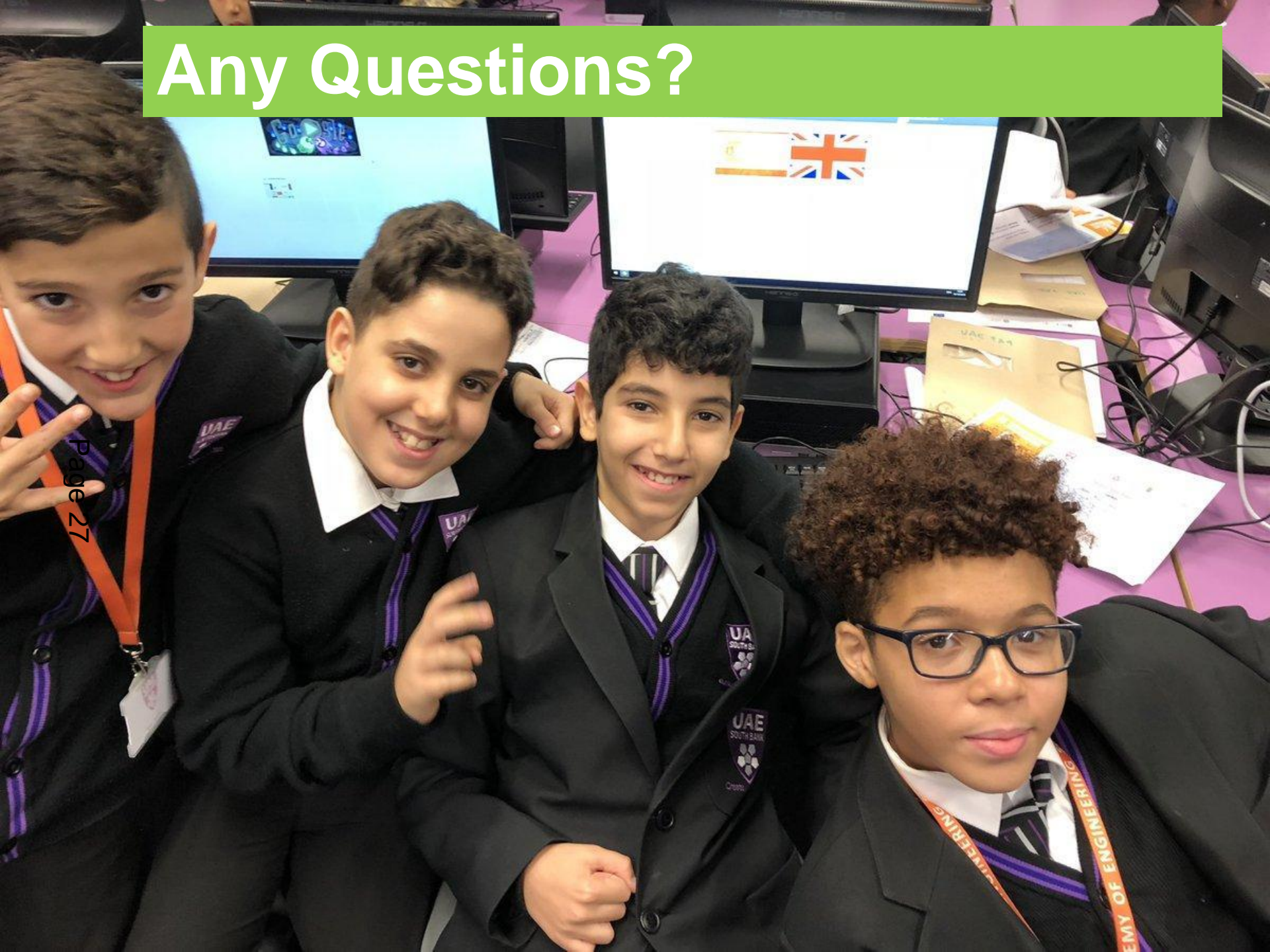
Full time Careers Advisor appointed

Structured careers programme for all students in Years 7 - 13

All linked to Gatsby Benchmarks

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Any Questions?



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South Bank Academies Celebrating Success

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Dr. Safia Barikzai
Associate Professor, School of Engineering
Safia.Barikzai@lsbu.ac.uk
Twitter: [@safiabarikzai](https://twitter.com/safiabarikzai)

Making a difference

Gatsby benchmarks Good Career Guidance

1. A stable careers programme
2. Learning from career and labour market information
3. **Addressing the needs of each pupil**
4. Linking curriculum learning to careers
5. **Encounters with employers and employees**
6. Experiences of workplaces
7. **Encounters with further and higher education**
8. **Personal guidance**



Academic Enrichment

Clubs

Academic
Projects

Community

Mini Modules

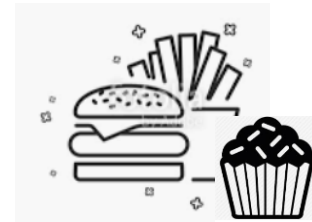
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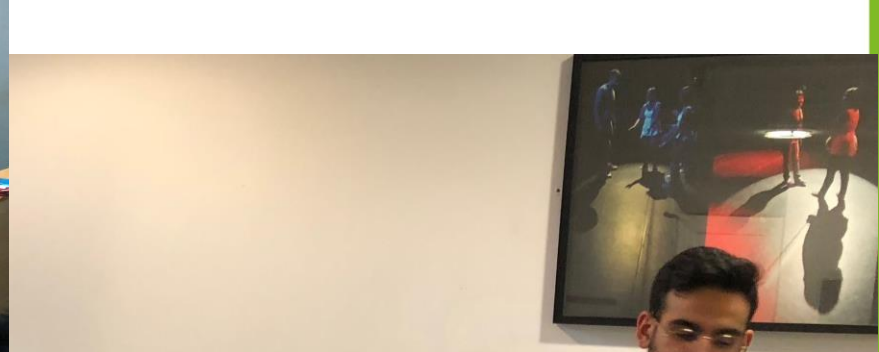
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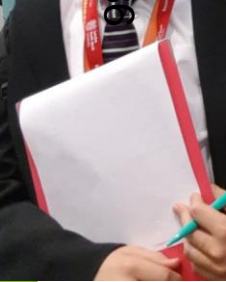
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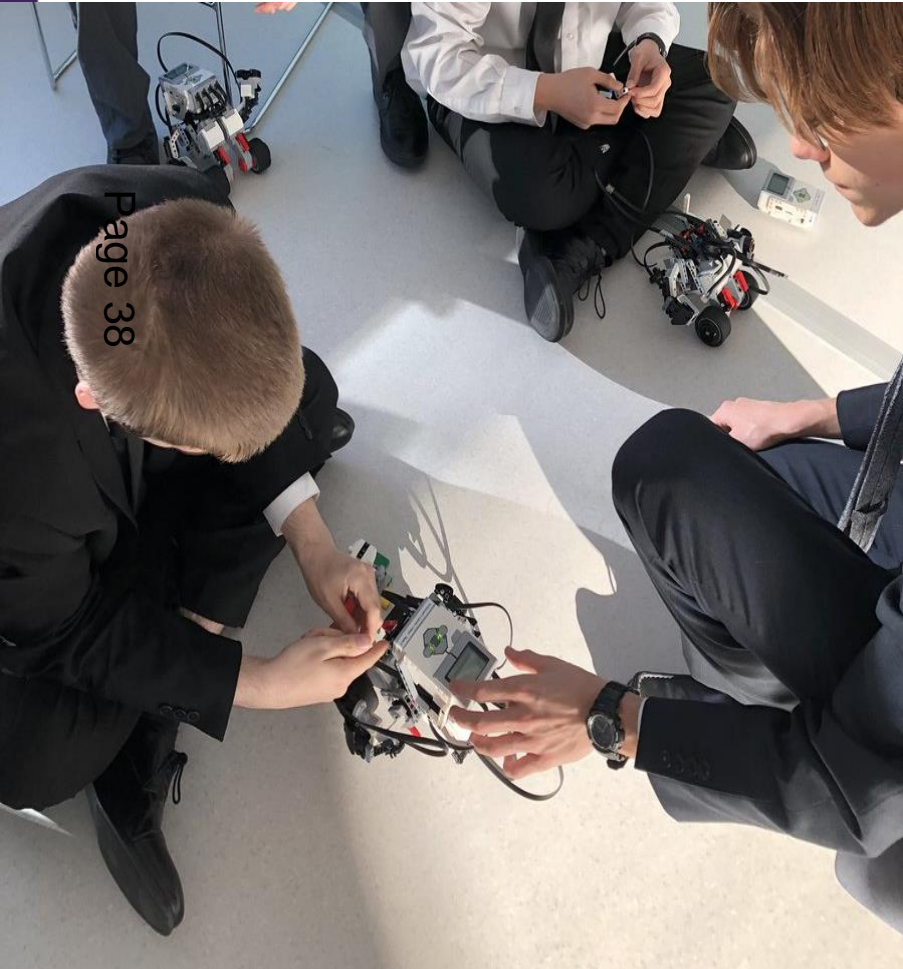


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Future: Review, Reflect, Revise

Thematic Enrichment across each year group
Building Capacity within LSBU
Improve Communication
Establish Academic Steering Group

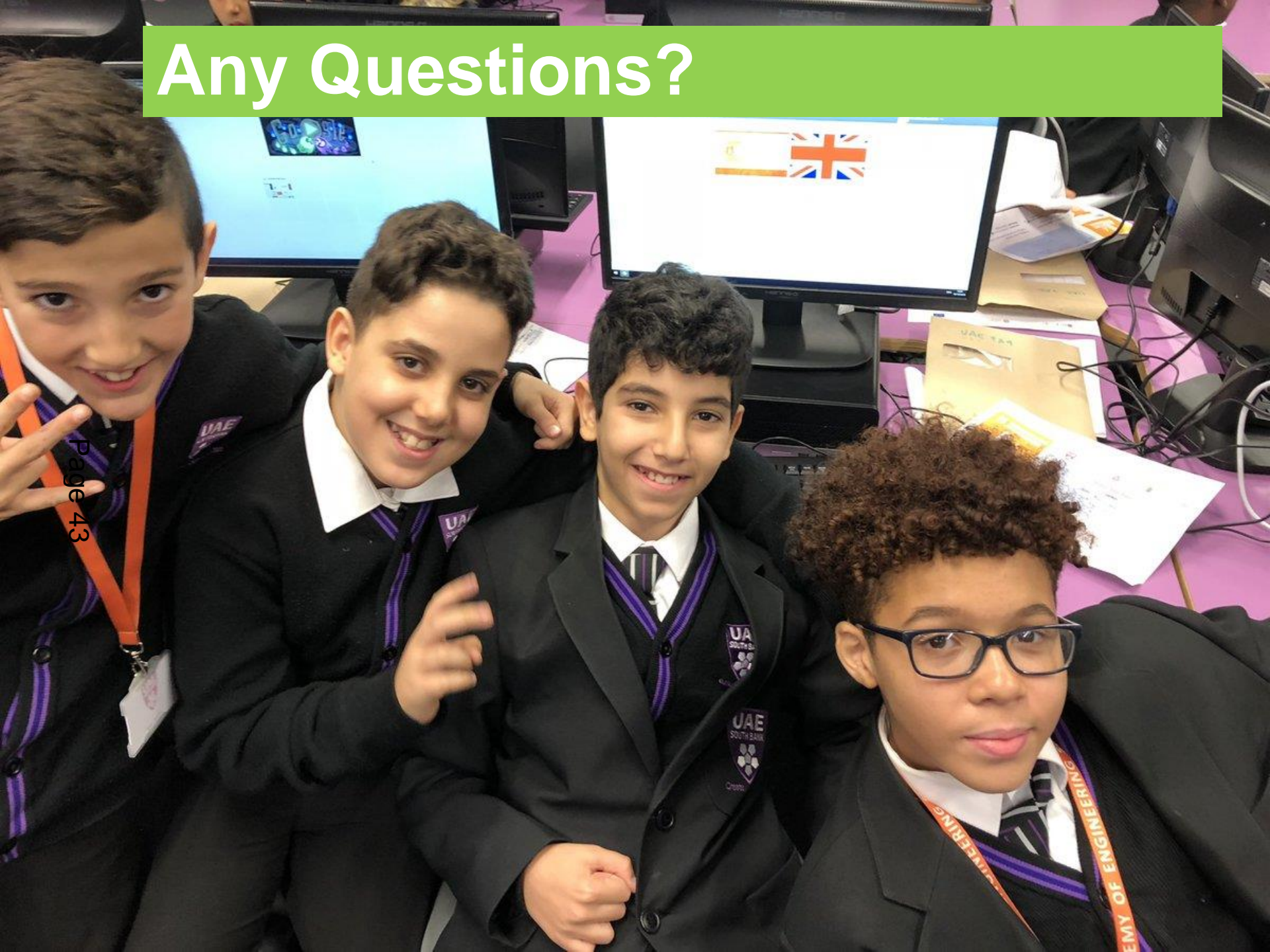


Future: Wider LSBU Engagement

LSBU Volunteering Days



Any Questions?



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LSBU / SBA student engagement plan 2019/20

Safia Barikzai and Vicky Downie

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Overview

2018-19 Overview

Academic Enrichment & Engagement

- Day 10 & Academic Projects
- Research Informed Teaching
- Research/Enterprise Funding

HE and LSBU progression support - Outreach and Widening Participation

- Two-year HE and LSBU progression programme
- Additional activities
- Future initiatives

Questions



2018-19 Academic Engagement

Lecture
Series

Academic
Projects

Community

Mini Modules

Clubs

Day 10 Enrichment

Review, Reflect Revise



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Thematic Enrichment across each year group
Increase Capacity within LSBU
LSBU Academic Steering Group
Engage SMEs/Alumni/wider LSBU community
Research/Enterprise Funding



Create thematic modules

Fire Safety Inspection



New programmes

CAD Workshop Formula Student

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Primary Outreach Raspberry Pi Foundation CoderDojo

Maker Space/Code Club
at South Bank UTC
supported by LSBU staff
and students



International Cultural Exchange



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International Cultural Exchange



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Research/Enterprise Funding

ESF Funded Digital Grid partnership

- Invest £82K funding – VR/Digital hardware for SBA – UTC
- Host SMEs at UTC
- Co-Design Digital Curriculum leading to Apprenticeships

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ERDF SimDH 2.0 & Access2Innovation 2.0

- Opportunities to connect SBA to SMEs

Other funding bids in the pipeline

- LSBU Global Challenges Research Fund, valued at £80K, Research Informed Teaching



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HE Students as role models raising confidence, employability



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- C**ontext matters learners work on projects that matter to them
- O**pen and interpretive tasks encouraged to design and invent
- N**etwork - learn from each other and build social capital
- F**un learning to stimulate interest **#LEGO (robotics)**
- I**nteractive sessions and hands on exploration
- D**iscover and design their own idea, sense of ownership
- E**ngage in immersive learning
- N**urture and support talent within each child
- C**reative thinking & problem solving
- E**ncourage critical thinking and self-reflection



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HE and LSBU progression

- Sustained engagement strategy from the start Year 12 to enrolment at university.
- Pre-planned two-year programme based on stage at which learners are at in the UCAS cycle
- Information, advice and guidance (IAG) led approach focusing on progression to HE including Degree Apprenticeship progression
- Enhanced with talks and workshops by Student Services, Apprenticeships and Academic teams
- Dedicated member of LSBU O&WP staff present at all activities to provide consistency and context



Year 12 programme

Autumn term

Talk: "Why go to university"

Attend school HE/careers fairs

Supporting schools at Year 12 parents evenings

On-campus visit to LSBU

Talk: Student Life

Spring term

Talk: Choosing a course and University

Talk: Attending Open Days

On campus visit: Introduction to degree apprenticeships and employability skills

Priority booking to LSBU Experience days and Taster Days

Talks: Student services – TBC

Summer term

Subject specific talks

Priority booking to LSBU Experience days and Taster Days

Workshop: Writing your Personal statement

Talk: Applying for Degree apprenticeships



Year 13 and LSBU offer holder programme

Autumn term

Workshop: "Editing your personal statement

Personal statement surgery (1:1 appointments)

Workshop: University interviews (MMIs)

Workshop: preparing your portfolio

LSBU applicants: One-to one visits from Student Contact Centre staff

Spring term

Talk: Preparing for university (Learning styles and study skills with Student Ambassadors)

Talk: Student services – University study skills -TBC

Talk: Student Finance

LSBU offer holders: Student Ambassador Buddy

Summer/September

LSBU offer holders: Student Ambassador Buddy

LSBU offer holders: On campus "Preparing to start at LSBU"

Additional activities

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- Year 11 – Talk looking at Post-16 choices and what that means for progression to HE
- UCAS Reference writing workshops for SBA teachers
- Teachers and Careers Advisers Clearing Hotline
- Invitations to appropriate student and alumni networking events
- Termly newsletter on LSBU progression events to all SBA staff
- LSBU Group Teachers and Careers Advisers Conference
- Collateral for students to feel 'part' of the family (good luck cards for exams) - TBC



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Future initiatives and ideas

- Mentoring as part of “No Barriers to Brilliance” case for support – Pilot at Lambeth College taking place this academic year
- Webinars and videos – subject talks and HE progression talks
- Potential for Pre-16 programme from 2022 once Post-16 programme is fully established.

Questions?

www.lsbu.ac.uk/study