



University of
Nottingham

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UNIVERSITY OF
DERBY

Primary Outreach Provision





Session Outline

Why do we work with primary pupils?

Who do we work with?

Arranging primary outreach

Our programmes

Evaluation

Why Do We Work With Primary Pupils?

- ▶ “Children who know they want to enter higher education by age 10 or earlier are 2.6 times more likely to end up at university than someone who decided in their late teens (Tay, 2018)”.
- ▶ “In pre/post analysis of primary children aged 6-11 in England, participating in career related learning helped children to reject stereotypes around STEM and gender equality, increased confidence in the usefulness of school, and enhanced motivation to try their best (Amegah and Percy, 2021).”
- ▶ Gender stereotyping begins as young as 6/7
- ▶ Young people only know about jobs from their immediate network
- ▶ Differences in attainment start young
- ▶ Improving motivation and attitudes to learning is key



Who Do We Work With?

Primary Project

Delivered to 6 primary schools within Derby city for year 6 students. Schools are feeders to the 34 secondary schools we work with.

Primary Explorers Days

Open to any primary schools with Year 5 and 6 learners.





Who Do We Work With?

Targeting criteria:

- ▶ FSM
- ▶ POLAR Q1
- ▶ IMD
- ▶ Attainment
- ▶ Points system up to 12, based on percentages for each

Geographical reach:

- ▶ Nottinghamshire, Derbyshire

How many schools:

- ▶ Target 100
- ▶ 2021-22 worked with 34, 100 classes

What Is Different When Arranging Primary Outreach?

Who's involved

- ▶ Academics/student groups
- ▶ Student ambassadors – training
- ▶ Primary OOs, administrator, 2 managers

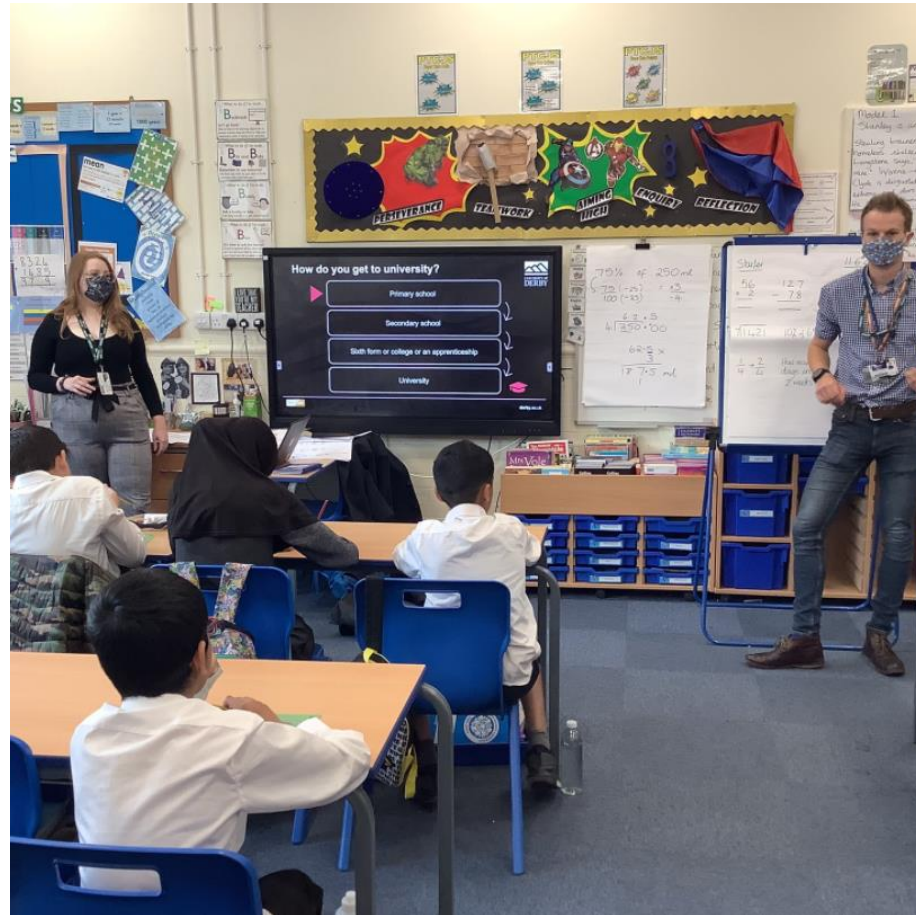
Types of activity

- ▶ Interactivity!
- ▶ Guidance needed for academics/students
- ▶ Suitability/appropriate topic
- ▶ Curriculum links



Our Programmes - Derby

Primary Explorers – Intro To Uni



Primary Explorers – Experience Day



Primary Explorers – Site Tour Activity

Imagine you are one of our Primary Explorers about to learn all about our campus through our treasure hunt campus tour. Prepare to watch a video showing our Atrium space. Listen carefully for the answers to the questions below:

Q1: How many TV screens are there in the learning curve?

Q2: What is the name of the coffee shop in the Union of Students?

Q3: Where can students go to find out more about jobs in the University?





Site Tour Activity - Answers

1.

How many TV screens are there in the learning curve? **Six**

2.

What is the name of the coffee shop in the Union of Students? **Blends**

3.

Where can students go to find out more about jobs in the University? **Careers and Employability Hub**

Primary Explorers - Graduation





Our Programmes: University of Nottingham





University Detectives

- ▶ Pupils practise their investigation skills as they uncover clues about what university is and why people go there
- ▶ 3 part intervention
- ▶ Year 2 classes
- ▶ Deliver 10 – 15 per academic year



Learning Leaders

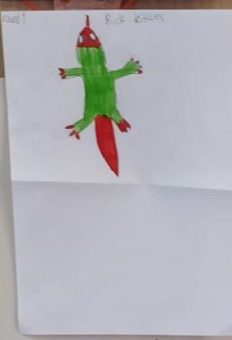
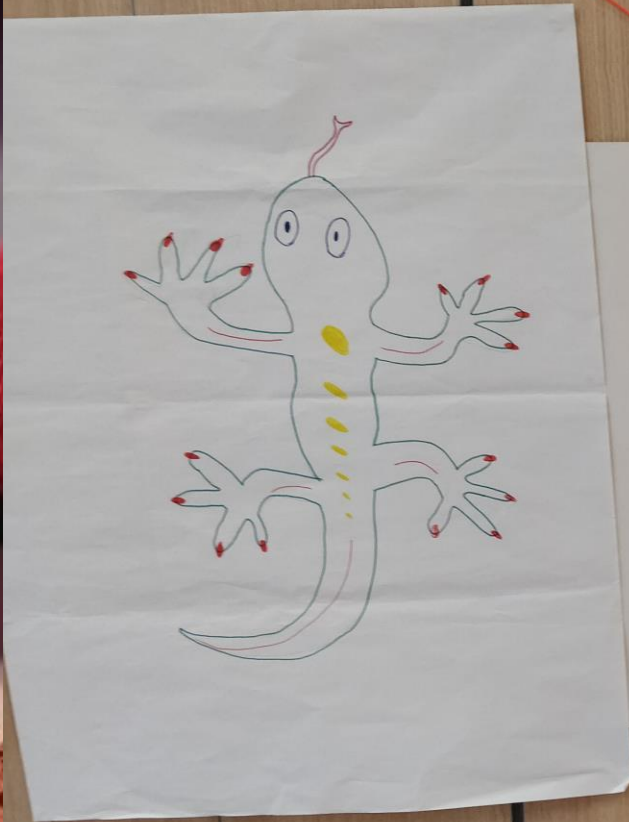
- ▶ UG & PG students from academic disciplines teaching classes or after school activities
- ▶ 5 sessions
- ▶ Year 3 - 6 classes
- ▶ Deliver 15 – 20 per academic year
- ▶ Optional aspiration day campus visit





Family Discovery Day

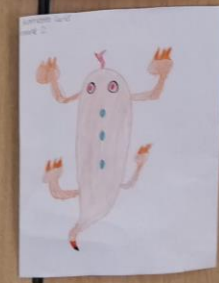
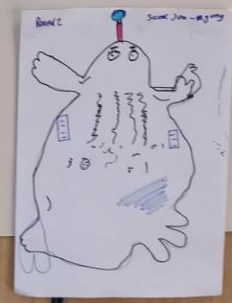
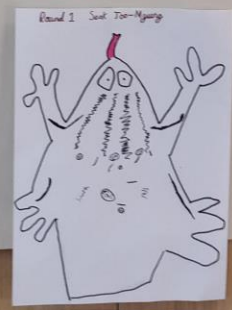
- ▶ A day of learning and discovery for the whole family
- ▶ Academic staff deliver a range of hands-on, drop in activities
- ▶ Before the visit, we deliver an in-school session where families can take part in a range of fun activities to explore university life and their aspirations for the future.
- ▶ 2021 - 4 schools = 115 visitors

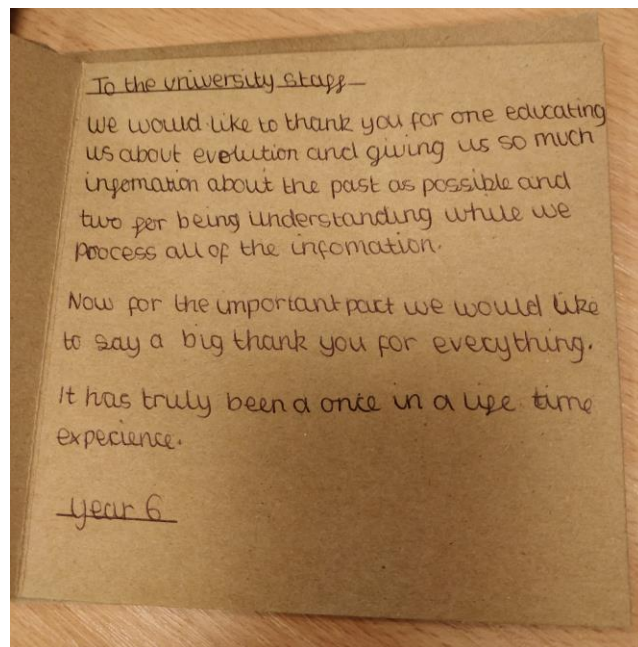


Round 1

Round 2

Round 3





Evaluation



Nerupi Framework

NERUPI evaluation framework Level 0

Education stage: Year 6-7

Enable students to:

- ▶ Find out about higher education and explore the University of Derby campus.
- ▶ Discover how school is linked to FE & HE.
- ▶ Discover how HE is linked to careers.
- ▶ Discover what it's like to be a student and have a positive introduction to uni life.
- ▶ Discover some of the subjects that can be studied at HE.



Theory of Change

Short term outcomes:

- ▶ Learners explore the UoD and some of its facilities.
- ▶ Learners can identify the link between university and careers.
- ▶ Learners discover what it's like to be a student at university.
- ▶ Learners discover some of the subjects that can be studied at university.



MAKE IT REAL



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Evaluation - Derby

69% of students agreed they would like to come to university in the future at the end of the project.

11pp increase in number of students who can name a university subject.

26pp increase in number of students who know how old you must be to go to university.

90% of students could explain what a university is at the end of the project

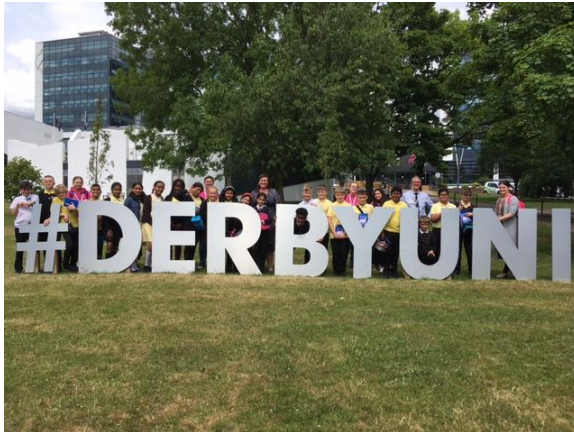
Evaluation - Students

We asked the students what jobs they would like to do in the future at the beginning and end of the project. This question was asked to measure the difference in students aspirations in connection to HE careers after exposure to University courses.



7pp increase in the number of students who expressed ambition to pursue a career linked with HE

Before: 52%
After: 59%



We asked the students to describe what they think a university is at the end of the project. Some of the student's responses are shown below.

"A higher form of education after sixth form or college" - Redwood

"A school for adults where you can learn about nearly anything you like" - Zaytouna

"University is a place that you can go age 18 and over and choose any subject you want to learn" - Zaytouna

"You go there after college, 6th form or an apprenticeship. You go there to study for the job you want" - Bemrose

Evaluation - Teachers



100% of teachers agreed or strongly agreed the project helped students understand the link between school, university and careers

80% of teachers rated the project as good or excellent



"As many of the children at our school come from deprived and low socio-economic backgrounds, it was really valuable for those children who have the ability to go to University to see that it is something which they can ALL aspire to doing one day. We decided to offer it to the whole year group (86 children) and they all took something away from the day.." – Ashwood Spencer Academy Teacher

What worked well?

"Getting to visit university in real life. Experiencing a graduation" - Teacher

Evaluation - Nottingham

Pre and post evaluations:

- Expectation of going university
- What do you know about university?

Features and Benefits coding and analysis

Teacher evaluation

- Did we meet the objectives?
- What was the impact on pupils?
- What percent of your pupils were engaged in the session?



Teacher Evaluation

- ▶ Teachers agree or strongly agree that our programmes meet the objectives to:
 1. Increase awareness and understanding of HE - 95% agreed
 2. Engage children in learning - 95% agreed
 3. Raise aspirations for the future - 90% agreed
- ▶ 95% of classes showed high or very high levels of engagement in learning
- ▶ 5% of classes showed very high levels of aspiration to higher education at the start, and 56% on completion of projects. This is a 1000% increase in aspiration.

"For many of the pupils, they had not heard anything about university and did not have an understanding of what it meant. This has given them an insight into what it means to go to university and has put it on their radar as something which they can aspire to. Parents have mentioned that children have been talking about it at home too."

(Teacher, Birklands Primary School)

Any Questions?



Contact us at Derby:
Aaron Mace
Widening Access Officer
a.mace@derby.ac.uk
07766001357

Contact us at Nottingham:
Abi Pritch-Williams
Primary & Partnerships Manager
abi.pritch-williams@nottingham.ac.uk
0115 84 66463