The Bradford Robotic Telescope

schools.telescope.org

Don’t work harder work smarter...
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Delivering Outreach

Why do we deliver Outreach?
Making it work for your University.
What is STEM Outreach?

• A magic potion to bring students to your university!
• It widens participation and sparks an interest in Science.
In reality STEM outreach is funded by your University to bring students into your University

- In the background maybe an OFFA agreement.....
- Perhaps the departments are not very good at it...
- In days of league tables the challenge is clear....
STEM outreach does what?

With League tables....

Students will generally aspire to go to the best university their results will allow.

• If your departments do nothing
STEM outreach informs students about your courses
• STEM Outreach pushes them up the League table pipeline....
STEM Benefits whom?

- The Nation,
- The students,
- The City and Region
- Your University only if it is recruiting below average.
- The top Universities....

The Russell group
How do we deliver benefits for your university?

• Increase the Pool size ......
• Acquire contact details for the science sixth ......
The Pool Size....
The total number of potential applicants in your recruitment area; the total number of secondary school students who are able to, and considering going into HE

This is practically decided
At Primary School....
• Train VIth formers to introduce the Telescope to their old primary school.....

The secret ingredient..........
The Bradford Robotic Telescope Secret Ingredient

• Amazing gearing....

• Yes....Space and Fun projects using the Robot.........

• Yes....Children get their own user names and passwords
  – Once introduced at school they go home and explore space
    and astronomy trying out lots of projects
  – They return to school and persuade teachers to do more....

• The gearing is amazing....
Delivering...

For the primary school...
STEM inspiration and role models for pupils
CPD for teachers

For the Secondary School
Closer links with schools they recruit from....

For VIth formers excellent experience for their personal statement
Delivering for the University......

Doubling the size of the pool
Contact details for Science Sixth form
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Don’t work harder work smarter...

Thank-you
Delivering