

Pro Science

2014 – 2015



What is Pro Science?

We are a not for profit organisation seeking to inspire the next generation of those studying science, technology, engineering and mathematics (the so called “STEM” subjects). Through working with schools, universities, businesses and other organisations, we aim to increase the number of young people choosing the sciences - as subjects in school, degrees in higher education and as careers.



What is the programme?

Over the course of this academic year, you will work in a local school, in partnership with a science teacher, to enhance **pupils'** understanding of, enthusiasm for, and achievement in STEM. Through training workshops and skills development sessions throughout the year (such as those with Teach First - 4th in the Times Top 100 Graduate Employer table), you will improve your effectiveness in class and develop invaluable, transferrable knowledge and skills that will stand you in great stead for the world of work and, more generally, life.



What commitment is required?

In total, over the academic year, you will have to dedicate a minimum of 50 hours of your time, although nearly half of this is 'home' work. If you gain a place on the programme, you will be required to:

- Attend our induction and training sessions. These will be held over the first few weeks of October – further details will follow.
- Spend a minimum of 14 x 1 hour sessions in classes
- Prepare for, and reflect on, each of these class sessions
- Keep in contact with the programme organiser
- Attend workshops, group meetings and feedback sessions

- ✓ Do something **fun** and **rewarding**, that will **challenge** you
- ✓ Share your **enthusiasm** for Science and really **make a difference**
- ✓ **Stand out** from the crowd in the eyes of **employers**

What do *you* get out of it?

Skills development:

Previous participants have highlighted the following skills as ones that directly benefitted:

- Verbal communication and engagement
- Leadership and motivation of others
- Exercising initiative
- Problem solving
- Team work
- Self-evaluation
- Drive and ambition/ Career awareness
- Time management and organisation

Employer interaction:

Pro Science is actively looking for corporate supporters and partners to finance the programme, to contribute to it and also so that you can build relationships with potential employers. Among other events throughout the year, there will be an end-of-year closing event which will allow you to showcase your achievements during the year and also will act as a networking opportunity between you and partnering organisations.

University recognition:

Through completing the Pro Science programme, you will achieve the Edinburgh Award:

(www.ed.ac.uk/EdinburghAward)



How to Get Involved

1) By Midnight, Friday 26th September:

Fill in the application form online: <http://bit.ly/prosciencesignup>

Your application should highlight relevant skills & qualities you have that would make you an excellent member of the Pro Science team. Try to use examples of experiences that illustrate these qualities.

2) If your application is successful, you will be invited to come to one of two assessment workshops.

These will be held over 1½ hours in Kings Buildings at:
16:00 Wednesday 1st October and 18:00 Thursday 2nd October

You must be able to attend one whole session. The sessions will provide opportunities to ensure your suitability for the programme, both from our point of view and yours.

You will be asked to talk for a couple of minutes about a science topic of your choice – highlighting why it is a fascinating/ relevant/ useful area of science. Your talk should be aimed at 11-14 year old pupils.

(You may find this link useful. <http://goo.gl/YjbUH1>)

No PowerPoint display will be available.

If you have any questions, please contact student.community.engagement@ed.ac.uk