



Bloodhound Education STEM Ambassador

Purpose

The purpose of the Bloodhound Education Ambassador role is to help the Bloodhound Education charity deliver on its mission to inspire a generation to explore STEM subjects and career pathways. This can be through delivering talks and activities in their local area and supporting the education team run workshops and inspiration days at their centre, in educational establishments and at education events.

Background

Bloodhound Education was set up in 2008 to run alongside the Bloodhound Project and use the excitement of a real engineering challenge as a spark to inspire children to explore science and engineering at school and consider it as a career path. It established as a charity in 2016 (separate from the BLOODHOUND LSR project) to be able to apply for education grants and to broaden its remit whilst still a Bloodhound partner. Its mission is:

to advance education for the public benefit in science, technology, engineering and mathematics at all levels in primary, secondary and higher education.

The charity achieves its aims through the provision of inspiration days and workshops related to the curriculum and the provision of a range of free education resources. The activities are fun, hands on and linked to technological innovations across speed, space and sustainable engineering themes.

What we ask of you and what you can expect from us

Bloodhound Education STEM Ambassadors play a vital role in supporting the work of the Bloodhound Education. We already know you are passionate about Bloodhound LSR. In order to be an effective Bloodhound Education STEM Ambassador, you'll also be passionate about inspiring the next generation of scientists, technologists, engineers and mathematicians through bringing the project to life and contextualising what things mean so that they can be understood by your audience.

As a Bloodhound Education STEM Ambassador, you can expect:

- An up-to-date brief on the progress of the Bloodhound LSR project and other partner initiatives.
- Parking and travel expenses to workshops / inspiration days you support, and lunch whilst there.
- An online induction to introduce you to Bloodhound Education, recognise your existing knowledge and identify any training you may need from us to fulfil the role.
- Guidance and support to run events independently.
- Ambassador newsletters, access to the education centre and exclusive Bloodhound ambassador top.

In return, we ask that you:

- Support at least three events each year.
- Arrive on time (or let the Bloodhound Education team member know ASAP if there's a problem).
- Are smartly dressed in your Bloodhound Education kit.

- Keep your knowledge up to date by engaging with updates or training.
Let us know details of Bloodhound activities you undertake independently to support us in evidencing the outreach of our work.
- Use social media appropriately, and do not give media interviews on our behalf.

Times and places

Most workshops and inspiration days are delivered Monday – Friday during school terms and within school hours. A typical day runs from 08.30 am- 3.30pm. We also run events from our centre which may be a morning or afternoon, during the week, at weekends and during holidays from usually from 10am - 2pm. Occasionally they may be held at a public event or space.

Tasks and responsibilities

As a Bloodhound Education STEM Ambassador, you are expected to:

- Give clear guidance / instructions to participants to maximise their learning and engagement
- Give clear guidance to supporting adults (such as teachers and parents) always encouraging them to let the students work things out themselves where possible to maximise learning
- Supervise the use of equipment to ensure safety at all times
- Help deliver presentations about Bloodhound Education and Bloodhound LSR to engage students and promote STEM careers
- Assist in the setting up and packing away of equipment, including rocket car tracks, K'nex launchers and hot wire cutters, to ensure that the activities run smoothly
- Help to run rocket cars, observing appropriate precautions to ensure safety and enjoyment
- Follow instructions from the Bloodhound Education team lead for the workshop / inspiration day to ensure activities are both engaging and safe

Skills and attributes

A Bloodhound STEM Ambassador should have:

- A clear understanding of the purpose of Bloodhound Education
- A passion for inspiring the next generation of scientists, technologists, engineers & mathematicians
- Knowledge of the history of BLOODHOUND SSC project and of its successor, Bloodhound LSR
- Knowledge of the land speed record, what it entails and its history
- An understanding of the breadth of STEM careers
- Excellent presentation skills

DBS (Disbarring and Barring Service) checks

Workshops and inspiration days typically take place in schools. For this reason, all Bloodhound Education STEM Ambassador **must** have a current enhanced DBS. We can carry this out on your behalf, and you may already have one if you are a registered STEM Ambassador through www.stem.org.uk

Please contact us at ambassadors@bloodhoundeducation.com if you would like to apply for the role.