STEM Inspiration Awards 2018

Thank you for your interest in the 2018 STEM Inspiration Awards, sponsored by the Science and Technology Facilities Council. Below you will find general guidance for all the awards followed by specific guidance for each category.

General information for all awards:

This guidance applies for all the award categories.

Submissions

- the awards open for nominations 28 May 2018
- nominations close at midnight 14 September 2018
- you can self-nominate or nominate someone else
- you do not need to be a STEM Ambassador to apply
- there is no limit on the number of people you may nominate
- nominees that have been shortlisted will be informed in October
- multiple nominations/applications are discouraged, it is better to have one application per person with letters of support attached
- no weight will be given to the number of nominations received

Evidence and impact

- you may find it useful to draft your response in a separate document and then copy and paste your answers into the form
- for 2018 an emphasis is being placed on evidence of impact, innovation, and sustained, high quality engagement
- evidencing of impact – please be aware that common mistakes involve:
  o simply describing activities with no discernible consequence or action
  o not adding substantiating evidence
  o evidencing impact from a limited sample (eg a single quote or very limited data)
  o making evaluative statements without information about impact (eg ‘students really enjoyed this’)

Impact should be referenced through the sustained effect of an activity or intervention:

  o on your/their work
  o young people
  o your/their workplace or wider

- letters of support (testimonials from colleagues) can be uploaded at the end of the survey, before you submit your entry - you should submit a single word document
The awards ceremony will take place at the House of Lords on 1 November 2018.

Individual categories

1. Outstanding STEM Ambassador
2. Outstanding New STEM Ambassador
3. Outstanding STEM Technician
4. Outstanding STEM Club
5. Inspirational STEM engagement project
6. STEM Employer – Small and medium enterprises
7. STEM Employer – Large companies
8. The Joan Sjøvoll Award for STEM Leadership

1 Outstanding STEM Ambassador

This award is aimed at those with a long-standing body of engagement with the STEM Ambassadors programme, recognising achievement over a prolonged period.

Outstanding commitment – Please demonstrate how the nominee has engaged consistently with the programme over at least three years. This should involve multiple engagements each year, or single engagements that took place over a sustained period of time (200 words).

Impact and evidence – Please demonstrate the impact the nominees work has had on:

- young people (200 words)
- teachers (200 words)
- schools/colleges or wider (200 words)

You should provide evidence for this impact, for example feedback from students and teachers.

Innovation and creativity – Please explain how the nominee has taken inventive and innovative approaches to STEM engagement during their time as a STEM Ambassador (200 words).

Workplace culture – Where appropriate, please explain with evidence how the nominee has changed the culture of their workplace, raising the profile of STEM subjects and careers and the STEM Ambassadors programme (200 words).

Biography – Please provide a brief biography of the nominee (100 words).

Additional comments – optional.
2 Outstanding New STEM Ambassador

This award is aimed at those who have joined the programme since June 2017 and have already displayed enthusiasm and commitment as STEM Ambassadors.

Outstanding commitment – Please demonstrate how the nominee has engaged with the programme over the past 12 months. This should involve multiple engagements or a single engagement that took place over a sustained period of time (200 words).

Impact and evidence – Please demonstrate the impact the nominees work has had on:

- young people (200 words)
- teachers (200 words)
- schools/colleges or wider (200 words)

You should provide evidence for this impact, for example feedback from students and teachers.

Innovation and creativity – Please explain how the nominee has taken inventive and innovative approaches to STEM engagement during their time as a STEM Ambassador (200 words).

Workplace culture – Where appropriate, please explain with evidence how the nominee has changed the culture of their workplace, raising the profile of STEM subjects and careers and the STEM Ambassadors programme (200 words).

Biography – Please provide a brief biography of the nominee (100 words).

Additional comments – optional.

3 Outstanding STEM Technician

This award recognises efforts to inform and inspire young people about apprenticeships and technician careers. It is aimed at those working in STEM who have a technical, non-graduate background and have used this background to help inspire the next generation of technicians.

Outstanding commitment – Please demonstrate how the nominee has inspired young people by sharing their own interest, skills and experience in STEM. This should involve multiple engagements or single engagements that took place over a sustained period of time (200 words).

Impact and evidence – Please demonstrate the impact the nominees work has had on:

- young people - in particular focus on how they have used their own background and experiences to encourage and inform young people about technical education and career opportunities (200 words).
- teachers (200 words)
- school/college or wider (200 words)
You should provide evidence for this impact, for example feedback from students and teachers.

**Innovation and creativity** – Please explain how the nominee has taken inventive and innovative approaches to STEM engagement (200 words).

**Workplace culture** – Where appropriate, please explain with evidence how the nominee has changed the culture of their workplace, raising the profile of STEM subjects and careers (200 words).

**Biography** – Please provide a brief biography of the nominee (100 words).

**Additional comments** – optional.

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**4 Outstanding STEM Club**

This is a new award that is designed to reward sustained and long-term engagement through a STEM Club.

**Summary of the club** – Please outline the nature of the club and the activities involved, the young people engaged, and how and why this club was created. Please also specify the length of time the club has been running for. (200 words).

**Impact and evidence** – Please demonstrate the impact the club has had on all participants, including:

- young people (200 words)
- the wider school/college community (200 words)

You should provide evidence for this impact, for example feedback from students and teachers.

**Innovation and creativity** – Please explain inventive and innovative approaches to STEM engagement developed over the course of the clubs lifespan (200 words).

**Sustainability** – Please demonstrate how the club has increased the awareness of STEM subjects and careers for the participants and any organisations involved. What measures have been taken to ensure the longevity of the club (200 words).

**Additional comments** – optional.

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**5 Inspirational STEM engagement project**

This award aims to draw together a number of supporters and is designed to reward sustained and long-term engagement through a single project or enrichment programme.
It may involve communities, schools, non-school groups, STEM Clubs, STEM Ambassador Hubs, employers, and other institutions and organisations such as learned societies.

Applicants can be individuals or organisations involved in the project, but we would recommend you coordinate with partners to ensure a single application is made.

**Summary of the project** – Please outline the nature of the project and the activities involved, the partners engaged, and how and why this project was created. Please also specify the length of time the project took (200 words).

**Impact and evidence** – Please demonstrate the impact the project has had on all participants, including:

- young people (200 words)
- the wider community (200 words)

You should provide evidence for this impact, for example feedback from students and teachers

**Innovation and creativity** – Please explain inventive and innovative approaches to STEM engagement developed over the course of the project (200 words).

**Sustainability** – Please demonstrate how this project has increased the awareness of STEM subjects and careers for the participants and organisations involved. What measures have been taken to ensure the impact of the partnership beyond the lifespan of the project (200 words).

**Additional comments** – optional.

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6 STEM Employer – small and medium enterprises

This award is for those organisations classified by the UK government as ‘small and medium sized enterprises’ / 1. It aims to reward outstanding commitment to the STEM agenda, and how this is embedded within the culture of the organisation.

1 - An SME is any business with less than 250 employees (across the whole organisation).

**Outstanding commitment** – Please detail the commitment of the organisation to the STEM Ambassadors programme.

This may include the number of people working as ambassadors as a proportion of the workforce, the ways the organisation supports its ambassadors, and evidence of sustained engagement over the long-term (200 words).

**Impact and evidence** – Please demonstrate the impact STEM Ambassadors have had:

- within the organisation (200 words)
• on young people (200 words)
• on teachers (200 words)
• on schools/colleges or wider (200 words)

You should provide evidence for this impact, for example feedback from students and teachers.

**Innovation and creativity** – Please explain how the organisation has taken inventive and innovative approaches to STEM engagement through their STEM Ambassadors programme (200 words)

**Workplace culture** – Please explain, with evidence, how the culture of the workplace has been shaped to raise the profile of STEM subjects and careers and the STEM Ambassadors programme (200 words).

**Promoting diversity** - Please demonstrate how the organisation has promoted the diversity of employees within the STEM Ambassadors programme, for example by considering gender, background, education, age, and ethnicity (200 words).

**Biography** – Please provide a brief biography of the nominee (100 words).

**Additional comments** – optional.

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**7 STEM Employer – large companies**

This award is for those organisations classified by the UK government as ‘large’/ 2. It aims to reward outstanding commitment to the STEM agenda, and how this is embedded within the culture of the organisation.

2 - A large company is any business employing 250 or more people (across the whole organisation).

**Outstanding commitment** – Please detail the commitment of the organisation to the STEM Ambassadors programme.

This may include the number of people working as ambassadors as a proportion of the workforce, the ways the organisation supports its ambassadors, and evidence of sustained engagement over the long-term (200 words).

**Impact and evidence** – Please demonstrate the impact STEM Ambassadors have had:

• within the organisation (200 words)
• on young people (200 words)
• on teachers (200 words)
• on schools/colleges or wider (200 words)

You should provide evidence for this impact, for example feedback from students and teachers.
**Innovation and creativity** – Please explain how the organisation has taken inventive and innovative approaches to STEM engagement through their STEM Ambassadors programme (200 words).

**Workplace culture** – Please explain, with evidence, how the culture of the workplace has been shaped to raise the profile of STEM subjects and careers and the STEM Ambassadors programme (200 words).

**Promoting diversity** - Please demonstrate how the organisation has promoted the diversity of employees within the STEM Ambassadors programme, for example by considering gender, background, education, age, and ethnicity (200 words).

**Biography** – Please provide a brief biography of the nominee (100 words).

**Additional comments** – optional.

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**8 The Joan Sjøvoll Award for STEM Leadership**

This award recognises anyone employed in a STEM leadership role who has worked to foster an understanding of STEM subjects within their organisation, inspiring and leading others to actively promote STEM education and careers.

Nominees in this category need not necessarily be engaged in delivering to young people themselves, they may be in a role in which they enable and encourage others to do so.

**Outstanding commitment** – Please demonstrate how the nominee has, through their leadership role, inspired others to engage with STEM and promoted engagement opportunities (200 words).

**Impact and evidence** – Please demonstrate, with evidence, the positive impact the nominee has had:

- within their organisation or wider (200 words)
- on young people and their understanding of STEM (200 words)

**Innovation and creativity** – Please explain how the nominee has taken inventive and innovative approaches to STEM engagement for themselves and their colleagues (200 words).

**Workplace culture** – Please explain with evidence how the nominee has changed the culture of their workplace, raising the profile of STEM subjects and careers and the STEM Ambassadors programme (200 words).

**Biography** – Please provide a brief biography of the nominee (100 words)

**Additional comments** – optional.