

Science **and** Me:

Johnson Matthey's flagship global
community impact programme
for science education

Guidance document



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We are Johnson Matthey

Johnson Matthey (JM) is a world leader in platinum group metals (PGMs).

Few organisations boast our track record, a history spanning more than two centuries, driven by innovation and a mission to provide the technologies and solutions that help solve the planet's biggest challenges.

Today, our globally renowned customers across key industries rely on our scientific expertise, quality, and trust in applying, refining, and recycling **metals that matter, for a healthier world.**

We believe that science, and the work of STEM professionals, is key to creating a healthier world. That's why, in 2021, we launched our flagship programme, Science and Me.





About Science and Me

The programme

Science and Me is JM's flagship global community impact programme. Its goal is to improve access to quality STEM (science, technology, engineering, mathematics) education and opportunities for young people.

Through local charitable partnerships, community projects, volunteering, and grant funding, Science and Me supports initiatives in the communities where we operate. We work alongside schools, charities, non-profit organisations and other local partners to deliver programmes to help inspire and empower the next generation of scientists and STEM professionals.

Science and Me is funded by Group Charity and is designed as a long-term, global programme. The Charities Aid Foundation (CAF) is our third-party partner who facilitates Science and Me by providing grant-making services, the online portal, and appropriate due diligence checks.

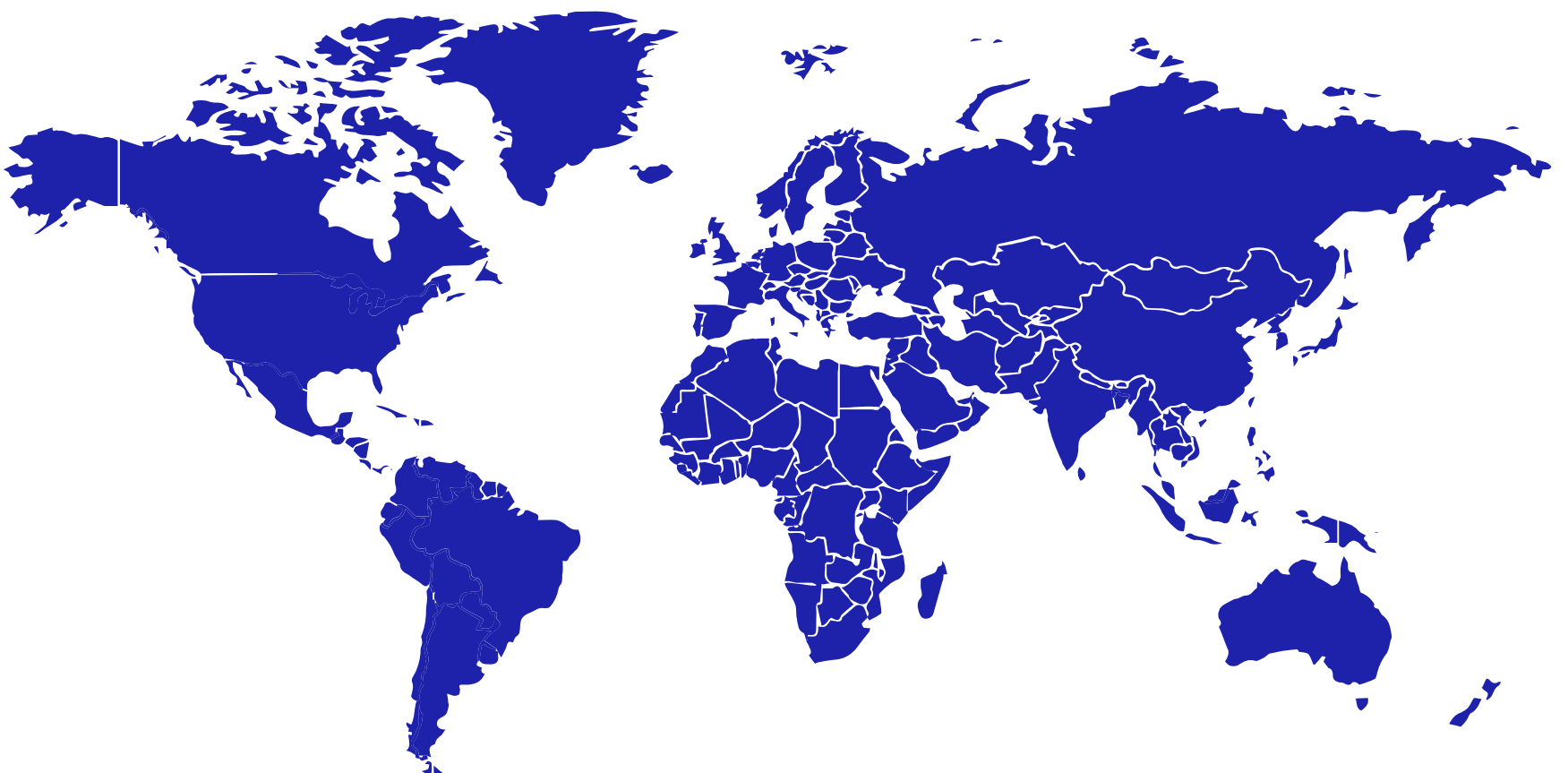


About Science and Me

Our goals

Through Science and Me, we aim to improve access to quality STEM education to enable a healthier, more sustainable world. We achieve this through Science and Me by helping young people overcome the barriers to STEM.

With a particular focus on young people typically excluded from STEM, the programme aims to make science learning more inclusive, better connecting learners with science and empowering the next generation of STEM professionals.



What we mean by "science education"



In the context of our goal, science education refers to a broad range of scientific and technical education that are relevant to JM, and enabling skills that contribute to science, including:

Chemistry

Engineering

Physics

Life sciences

Material sciences

Mathematics

Sustainable technologies

These listed subjects refer to the education that is most relevant to JM and favoured in projects where possible. However, the projects we fund do not need to exclusively target these sciences.





Our impact areas

Science and Me is grounded in research that identified five key areas with the greatest potential to improve access to science education. By prioritising these areas, we can equip young people with the skills and passion to pursue STEM careers, help close the industry skills gap, and contribute to a fairer, more sustainable future.



Our target audience



Diversity in science is a common challenge around the world. Science and Me projects aim to target “excluded learners” – those who are typically excluded from science because of personal characteristics or socioeconomic background.

Research shows those typically excluded from STEM include:

Women and girls

Ethnic minorities

People with disabilities

People from low-income backgrounds

LGBTQIA+ community



The JM Representative

All Science and Me applications must be supported by a JM Representative recommending the project. The JM Representative can be any current JM employee. The role of a JM Representative includes:

Initial discussions

Work with local charitable organisations or liaise with local schools to encourage them to apply for a grant. Explore how your JM site can support the project through volunteering. Familiarise yourself with this guidance document and share with interested parties.

Hold a discussion with the potential applicant to understand the scope of their project, what the grant will fund, total cost and duration of the project, and how JM employees can volunteer (if relevant). Bear in mind the intended impact of the project and ensure it links back to our Science and Me goals.

Ensure you have the support of your Site Manager and/or Community Ambassador (if applicable).

Application support

Request an application link from Group Charity (*please refer to page 12 for more details on the application process*).

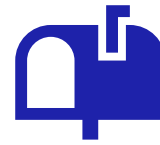
Relationship management

Connect with the partner organisation or school regularly throughout the project to understand its progress and hold them accountable on deliverables.

Ensure your JM site is aware of the project, and that any volunteer opportunities are taken up.

Ensure the partner organisation or school completes the end of project impact report (*please refer to pages 13 and 14 for impact guidance*).

Key contacts

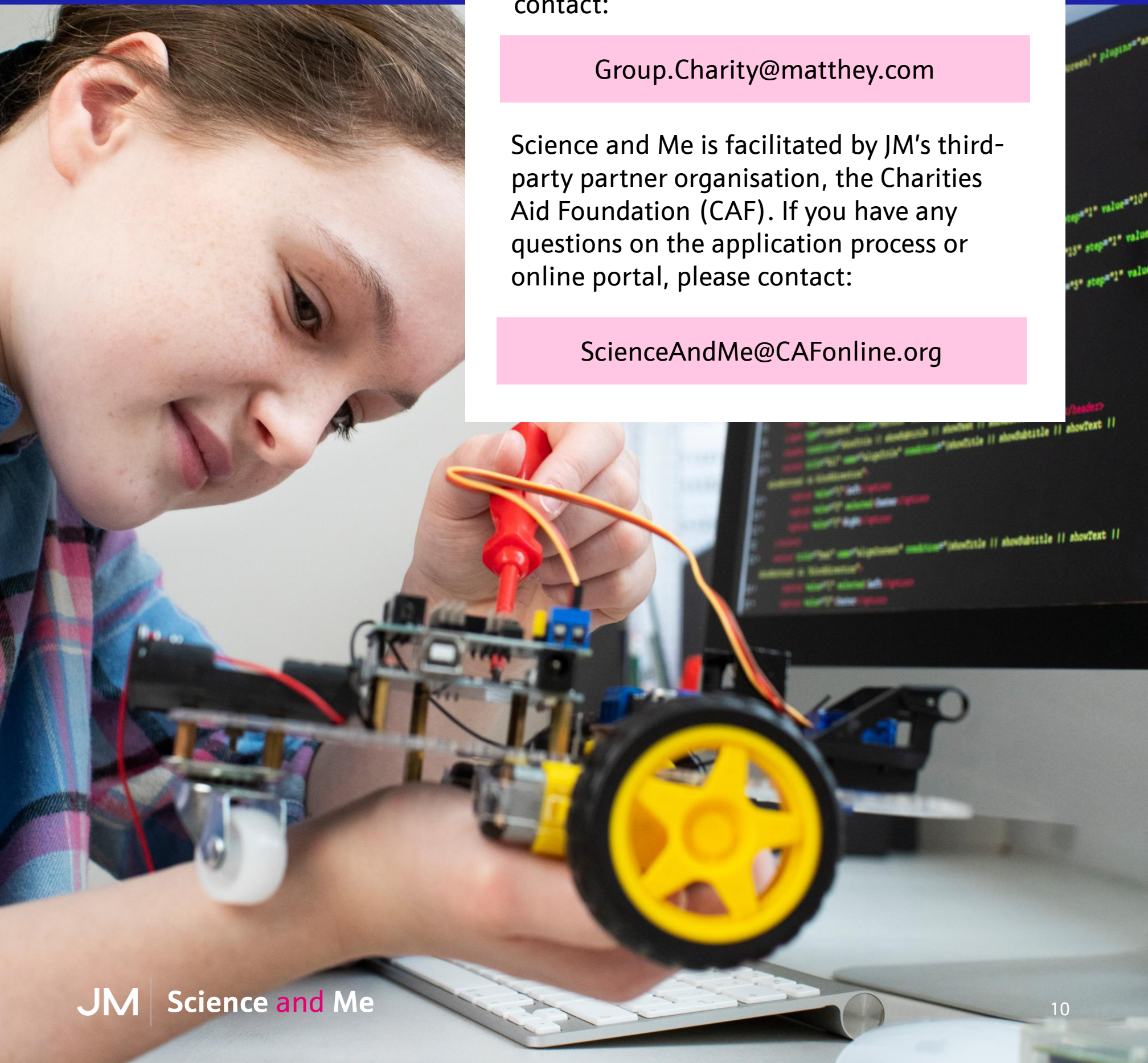


Group Charity owns and oversees the Science and Me programme. If you need clarification on the topics discussed in this guide, have further questions, need support identifying a JM Representative, or would like to discuss any ideas, please contact:

Group.Charity@matthey.com

Science and Me is facilitated by JM's third-party partner organisation, the Charities Aid Foundation (CAF). If you have any questions on the application process or online portal, please contact:

ScienceAndMe@CAFonline.org



Funding types

Tier 1

Open to organisations operating in the local community facilitating STEM outreach activities and making science participation more inclusive.



£5,000 - £20,000

Tier 2

Open to state/government schools looking to improve their science education.



£1,000 - £5,000

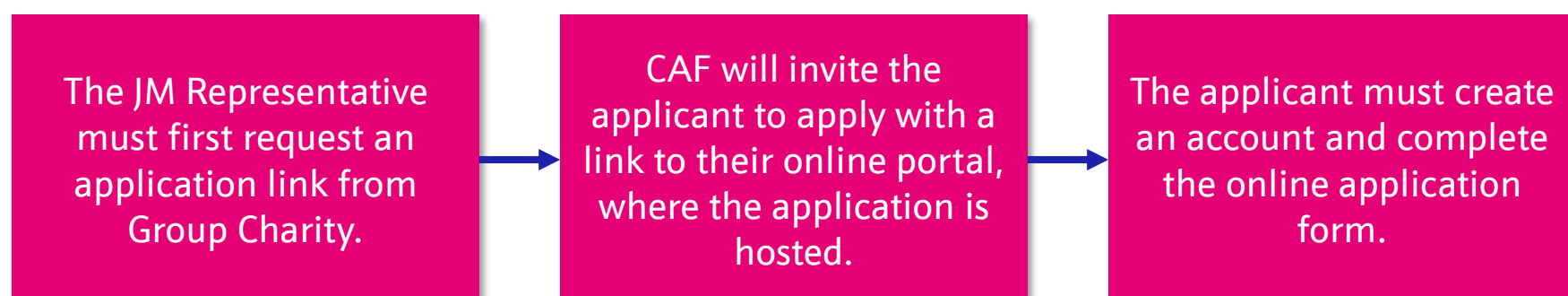
Before requesting an application form, **applicants should consider:**

- The scope, cost, and duration of the proposed project.
- Who the beneficiaries of the project will be and how many of these would be considered "excluded learners".
- Which impact area(s) the project would target along with specific metrics you'll measure and how (*please refer to pages 13 and 14 for impact guidance*).
- How JM volunteers can get involved and support the project (if relevant).



How to apply

Science and Me has two application rounds each year. To apply, potential applicants must adhere to the following steps:



After creating an account, the applicant must complete a short series of questions to ensure they are eligible. Once the applicant has created a login and password, the application can be saved and returned to on an ongoing basis. It does not need to be completed in one go.

The application form asks for organisational, financial and governance information, details of the project, and information outlining what the grant will be spent on. More in-depth project and budget information is requested for Tier 1 applicants.

At the final stage, the applicant will be asked to upload three documents that provide information about the organisation. These must be provided in English and are:

- Organisation governing document
- Organisation registration certificate as a not-for-profit
- Organisation's most recent signed annual accounts

Before submitting, the organisation will be asked to agree to the privacy statement, giving consent for data to be shared with our partners for the purposes of the grant programme.

Please note: No application is guaranteed to be accepted. Decisions are made based on the merit of the application, alignment with Science and Me goals, and available funding.



Measuring impact

All successful applicants must complete a post-project impact report following the completion of their project. This is essential to help JM understand the outcomes of projects and the overall impact created through Science and Me. It will be shared by CAF via the online portal.

Impact reports must capture the following data:



Total number of young people reached through the project



Total number of “excluded learners” reached through the project



Measuring impact

Tier 1 projects must also select at least three metrics, which link to our five impact areas, to measure throughout the project to demonstrate impact. Partner organisations will need to capture these outputs from their beneficiaries throughout their project. Below are some examples of metrics that organisations may wish to measure. This is not an exhaustive list:

Attitudes of Young People	Inspiring Teachers & Teaching	Careers Advice	Diversity & Mobility	Career Pathways
Number of young people more likely to pursue a science subject and career	Number of teachers who received training or support	Number of young people who understand how to pursue science opportunities	Number of schools in need supported	Number of volunteers that supported with upskilling
Number of young people with a better understanding of the value of science	Number of teachers who have seen an improvement in student ability	Number of young people that know what skills are required in industry	Number of young people from under-represented backgrounds being mentored	Number of participants receiving specialist training or education
Number of young people who agree science is useful for their future	Number of teachers who feel their subject knowledge has improved	Number of young people who choose science subjects	Number of inclusive activities aimed at avoiding self – exclusion	Number of apprenticeships that were filled

Please note: There is flexibility in the metrics captured. We are socially led and understanding of different geographics impacting local needs.

Our due diligence



Successful applicant organisations must undergo thorough due diligence checks before any funds are paid out. If an application is successful, the organisation will be contacted by the CAF Verification Team and asked to upload further documents that provide information about the organisation. These must be provided in English and will include:

Governing document

Not-for-profit registration certificate

Most recent signed annual accounts

Personal details of directors

Personal details of financial controllers

Bank account under organisation name

Payment is conditional upon passing these verification checks.



Excluded organisations

There are certain organisations that JM will not work with, or projects we will not fund, through Science and Me:

- Organisations that request funding for projects in countries where we do not have a JM site
- Organisations that discriminate based on age, nationality, gender, sexual orientation, gender identity or expression, religion, marital status, or disability
- Religious charities whereby the grant activity promotes the furtherance of religious aims or to benefit religious members only
- Entities without a civic, social, academic, or charitable purpose
- Applicants applying for capital building projects (e.g., land acquisition)
- Political parties, campaigns, candidates, lobbying single-issue interest, or partisan groups
- Government entities, political subdivisions, and state instrumentalities
- Individuals, for profit entities, including social enterprises, and professional organisations
- Non-profit organisations acting as a conduit for donations to be passed onto a third party
- Applications requesting funding for projects that have already taken place
- Any organisation with which association may be potentially harmful to JM

Grants will not be made to organisations in exchange for any benefit to an individual, customer, or supplier.

Projects we have funded previously



Past Science and Me projects have varied greatly in scope, size, and impact. Some examples of past projects we've funded have included:

First Lego League Challenge: Our funding covered the entry fees for teams across multiple schools in the UK to participate in this STEM, robotics, and life skills competition for children aged 9-16. JM volunteers also supported the challenge as mentors and judges.

Scholar Science Expo: Our funding enabled hundreds of young people from economically disadvantaged backgrounds to participate in Young Men & Women in Charge's annual science expo in the United States. JM volunteers provided coaching and mentorship to students and hosted a JM site visit.

Primary School Smart Board: Our funding purchased an EcoNet Multi Touch Education System (Smart Board) for a primary school classroom in Malaysia. The equipment played a vital role in enhancing student engagement and improving the quality of the school's science education.



Frequently asked questions

Does an applicant need to be a non-governmental organisation (NGO), non-profit or registered charity?

It can be an NGO, non-profit, registered charity, a school that is not privately funded (under Tier 2), or an organisation with a social mission that operates on a non-profit basis.

Applications will be considered from any organisation whose mission is exclusively charitable. Applicant organisations must upload signed, scanned copies of the required documents to enable us to be sure of their charitable purpose. These must be submitted as part of the application process.

Can organisations send in supporting information?

Yes. We are interested in supporting documents (such as photos or videos) which can be uploaded as part of the application form.

Can individuals apply or do they need to be part of an organisation?

All applications must be through an organisation or school. We will not provide funding to individuals.

Can a group of organisations apply?

Yes. However, one organisation must take responsibility for completing the application, managing the funds and reporting on impact as lead partner. The applicant organisation cannot provide sub-grants to the other organisations in the consortium. There should be a written Memorandum of Understanding between the organisations.

How many Science and Me projects can one JM site have live at any given time?

Each JM site can only have one Tier 1 and one Tier 2 project live at any given time. Any exceptions to this rule must be agreed with Group Charity.



Frequently asked questions

Is support provided for completing applications? For example, help with translation into English?

We will be able to answer queries related to the programme, the completion of the online application form, and submission requirements.

Applications must be submitted in English; however, free online translation services can be used if English is not the first language. Please note that applications will not be penalised on language skills.

Can organisations apply for costs that have already taken place?

No. Expenditure must take place after the grant is awarded.

How much funding can organisations apply for, and in which currency?

Applicants should request an appropriate level of funding in Pound Sterling according to the project needs in line with one of the two tiers available. They can then request payment in local currency; however, this will be calculated using the exchange rate from Pound Sterling on the date of payment.

Please note that grant decisions will be based on the merits of all applications received, as well as the total funds available.



Thank you for reading.

We hope to receive your application soon!