

10.01 Overview / summary

Please provide one page setting out a summary of your proposal.

You should include:

- The description of your service
- Why and how your Bid meets the objectives and outcomes of TLIF Round 1
- This summary must be factually based relating to your bid and offer a concise summary to evaluators

400 words maximum / single A4 page

Background

STEM Learning shares the Department's commitment to ensuring great teaching everywhere. Aspire to STEM (AtS) is ambitious. It will focus on only the weakest schools to drive social mobility in opportunity areas graded 5&6 – schools where teaching practice and leadership capacity add to, rather than overcome, low aspiration amongst its pupils.

Scope

The design of AtS is informed by the STEM Learning Network's experience of successful school-led professional development where clusters of schools work together to create sustainable communities of great practice.

AtS will support [REDACTED] teachers in [REDACTED] schools with [REDACTED] days of bespoke professional development, scaffolded (at zero TLIF cost) by extensive STEM inspiration & enrichment activities resourced primarily from our Network of 33,000 STEM Ambassador volunteers. Additionally, we will integrate our STEM Club infrastructure and eLibrary of over 11,000 free STEM teaching resources that will be specifically curated for AtS participants.

Head teachers of such schools have told us their day-to-day priorities prevent them from addressing the multiple causes of underperformance in an effective, integrated way. They report they are unable to engage with multiple existing national programmes of support and require bespoke off-the-shelf intensive integrated support such as that provided through AtS.

At £[REDACTED] AtS is excellent value for money. It utilises existing infrastructure at nil cost to achieve new things. Cost Benefit Analysis shows a conservative payback of £[REDACTED] to every £1 invested.

Impact

The biggest differentiator of The Network is its ability to demonstrate impact. AtS will utilise our proven change model to deliver great teaching and galvanise social mobility, ensuring for:

- Students – overcoming disadvantage to improve STEM engagement and achievement. Raised aspiration through a clear ladder of progress to post-16 STEM education and employment
- Teachers – increased confidence, motivation and competence to teach STEM. Also knowledge of and ability to use real-life and industry STEM context
- Schools – significantly improved STEM achievement through great teaching, leadership and STEM inspiration support. Improved teacher retention, community profile and active relationships with employers
- Communities – raised awareness of the many career opportunities for young people through STEM subjects and associated progression routes

Legacy

Working with our partners, we will add to the evidence base of what works; developing talent to support disadvantaged pupils. We will ensure the impact of what works is articulated through our Network and STEM eLibrary. We will work with the entire STEM education sector to ensure successful elements of AtS are scaled up.