

# Fran Long

## Education and Training Co-Ordinator

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**Fran Long is a STEM engagement specialist and award-winning primary science teacher who is passionate about promoting science and engineering.**

In 2017, Fran was honoured to receive a Primary Science Teacher Award (PSTA), endorsed by the Institute of Physics, and is now a Fellow of the Primary Science Teaching Trust (PSTT).

Fran was the creator and organiser of a pioneering monthly STEM assembly series that brought STEM professionals (scientists and engineers) into school to share about a day of their working life over a 16-month period. Research to evaluate the impact of the programme on STEM career aspirations showed a statistically significant increase in the number of pupils who would consider scientific and engineering career paths.

As part of a Post Graduate Certificate for Professional Recognition in Engineering STEM Learning, Fran interviewed 35 engineers in the work place, gaining insight into 'Engineering Habits of Mind' (EHOM) as described by Bill Lucas in 'Thinking Like An Engineer'. She ascertained the inspiration behind STEM career choices and presented findings to industry experts and colleagues.

As a skilled teacher and keen project lead Fran has extensive experience of creating bespoke educational material to inspire learners. This includes writing CREST Award material accredited by the British Science Association. Fran is also a competent trainer who writes and facilitates high quality continuing professional development programmes based on best practice and latest research. She is a recipient of the STEM Learning CPD Quality Mark.



### Contact

[fran.long@faraday.ac.uk](mailto:fran.long@faraday.ac.uk)

01235 425300

As an experienced event and conference organiser Fran enjoys creating exciting programmes to engage audiences in new ways.

Fran holds a First-Class Honours Degree in Primary Teacher Education and was awarded the Speight Undergraduate Prize for her research.