

nustem

Annual Summary 2018 - 2019

This has been another busy and successful year for NUSTEM.

With support from the University, we have expanded the number of primary schools that we are working with, from 15 to 34, and recruited a new member of staff to support the additional primary delivery work.

We have obtained further funding for public engagement projects from external sources including Science and Technology Facilities Council (STFC), UK Space Agency, The Royal Academy of Engineering, Reece Foundation, Ogden Trust and SHINE Trust. We regularly support faculty academic colleagues to embed 'Pathways to impact' activities in their research.



Our influence with the wider STEM engagement community locally and nationally continues to grow. We have shared our Theory of Change with a range of external organisations that have similar aims to NUSTEM. For example, we have collaborated with Museums Northumberland to develop STEM outreach programmes which combine heritage and STEM careers. We have also worked closely with North of Tyne Combined Authority to embed the outcomes from the Theory of Change in their STEM and Digital Skills investment fund. We host the STEM Engagement Network twice a year to bring together those people in the North East who have a strategic overview of STEM engagement in companies, professional institutions and sector bodies amongst others.

"With the support of NUSTEM, Carville Primary School has focused on broadening awareness of STEM careers to the children and families of Carville.

Through weekly science lessons, a range of family workshops and STEM weeks, which have provided a clear focus on STEM careers, children have been introduced and exposed to a greater range of careers available to them in the STEM fields.

Children ask thoughtful and inquiring questions about the STEM careers to extend their own understanding, can discuss in more detail different careers that are available and compare them to one another creating a deeper, richer conversation around the STEM careers that are available locally and globally."

Mark Storey, Science Coordinator, Carville Primary School

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The Year in Numbers

NUSTEM's vision is for a vibrant and sustainable STEM sector which meets the needs of learners and employers, reflecting the diversity of wider society.

17550

Interactions with Children
and Young People

1116 | 1220

Families Teachers

48 **SCHOOLS**
34 Primary
16 Secondary

41

Workshops delivered with
researchers from
Northumbria University

Engaged with

52

external organisations

NUSTEM included in

22

University research
funding applications

8

Articles about careers
for teachers

9

Conference
presentations

£383k

Grants and Funding
obtained

**Supporting 12600
primary school children
in STEM since 2014**



FINALIST