

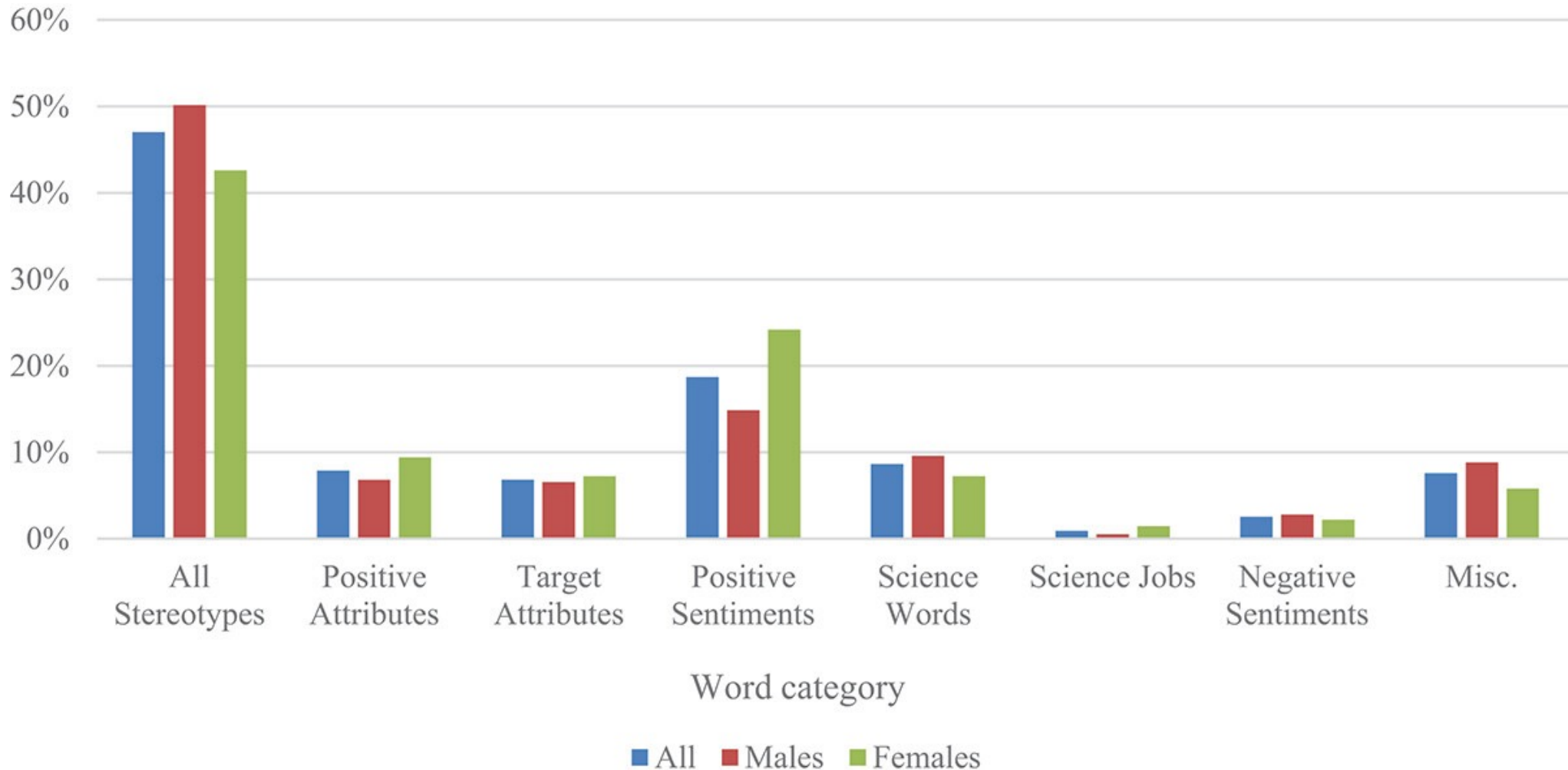
Children should leave primary school with a broad knowledge of different careers. They should be aware of what they could be; rather than limited by their ideas of what they should be.

Children's aspirations are not commonly aligned with STEM pathways

- Young children have high aspirations for their future, but not for STEM
- Before the age of 8, children rule out certain careers as unacceptable based on their understanding of the world and their place in it.
- Primary children's career aspirations and motivations are gendered.



Many children and young people don't see STEM as being done by someone like them



Early Years & Primary Programme: a careers and attributes approach

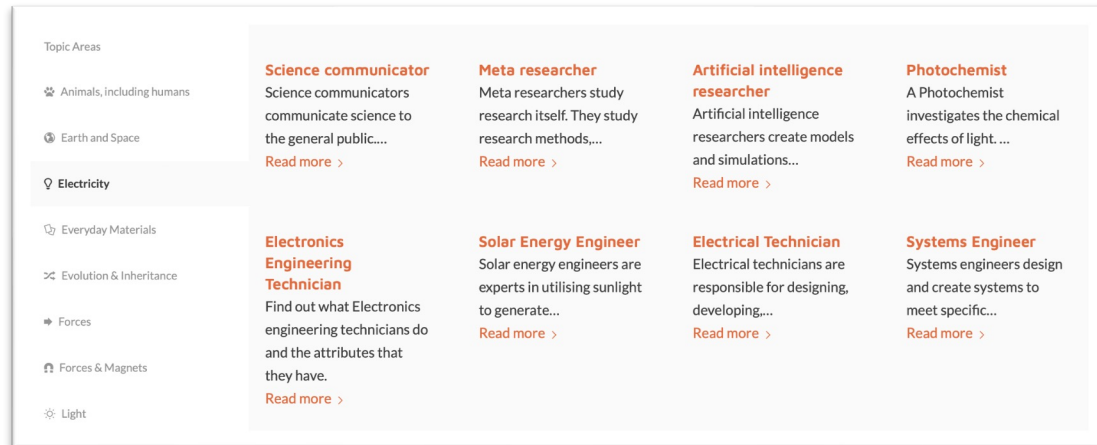
A whole school approach to careers is needed which integrates career-related learning for all children from early years and throughout their education.

In schools, this looks like:

- Adopting and integrating the language of careers into teaching practice
- Using careers and career role models as a context for teaching
- Using teaching methods to combat the effects of stereotypes
- Actively including parents and carers in the conversation
- Embedding career-related learning in the curriculum

Careers

The embedded use of careers to contextualise teaching with the aim of children leaving primary with a broader careers knowledge.



Attributes

Linking careers to children through an attributes approach.

Collaborative	Open-minded	Passionate
Committed	Organised	Resilient
Communicator	Hard-working	Patient
Creative	Logical	Observant
Curious	Imaginative	Self-motivated

3 phases of partnership

The partnership has three phases, each lasting 2 years. During each phase, schools will receive support and activities to help embed and then sustain career-related learning across the curriculum.

- Developing
- Embedding
- Sustaining

Developing

Partnership building
and demonstration
of the careers and
attributes approach.

Year 2



- Development support for the early years and science leaders
- STEM careers workshops
- Whole staff CPD
- Whole school initiatives
- Assemblies and loans boxes

Embedding

Schools begin to embed a careers and attributes approach school-wide.

Year 4



- Curriculum enhancement meetings
- Bespoke activities developed by NUSTEM
- Assemblies and loans boxes
- Whole school initiatives
- Primary and early years resources

Sustaining

Schools are supported to sustain the approach and to support the practice of other schools in the programme.

Year 6

- Sustainability support for early years and science leaders
- Opportunity to share practice with other schools
- Access to NUSTEM resources and CPD

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Partnership building and demonstration of the careers and attributes approach.

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Workshops

- Activities in school for all children from Early Years to Y6
- Led by NUSTEM staff, supported by classroom teachers
- Linked to the curriculum, contextualised through careers and attributes
- Aimed to showcase the approach to children and teachers



CPD

- Regular training for all staff throughout each phase
- Year 1 - 'Embedding Careers in Primary and EY education'
- Opportunity to access a suite of online training
- In Phase 2 - bespoke training to suit the needs of your school



Working with Early Years & Primary

- This approach needs a strong foundation in the early years
- Resources and training that support the integration of approach appropriately in EY
- Access to a suite of resources
- Support and training for the Early Years leader



A Partnership

- Commitment – from NUSTEM, from your school
- Flexibility and trust
- Open dialogue
- A long-term relationship

Time commitment

- Science and early years leaders – approximately 2 hrs per half term – this includes meetings and administration.
- Staff training – 2 x 1 hr training during the year (usually in staff meetings)
- Senior leaders – initial development meeting (September 1-hour), progress meeting (Spring 1-hour)
- Workshop and school activity – 1-2 hours of activity for each year group during the academic year

The Application Process

- Application Form – available on the website – nustem.uk/eypp
- Deadline: Thursday 13 June 5pm
- Limited capacity (about 10 schools), but a commitment to working with as many schools as possible
- If you're not sure, or want to talk about your application – drop us an email

Questions

nustem.uk/eypp