

# Developing a new space sector careers resource

based on educational research  
recommendations

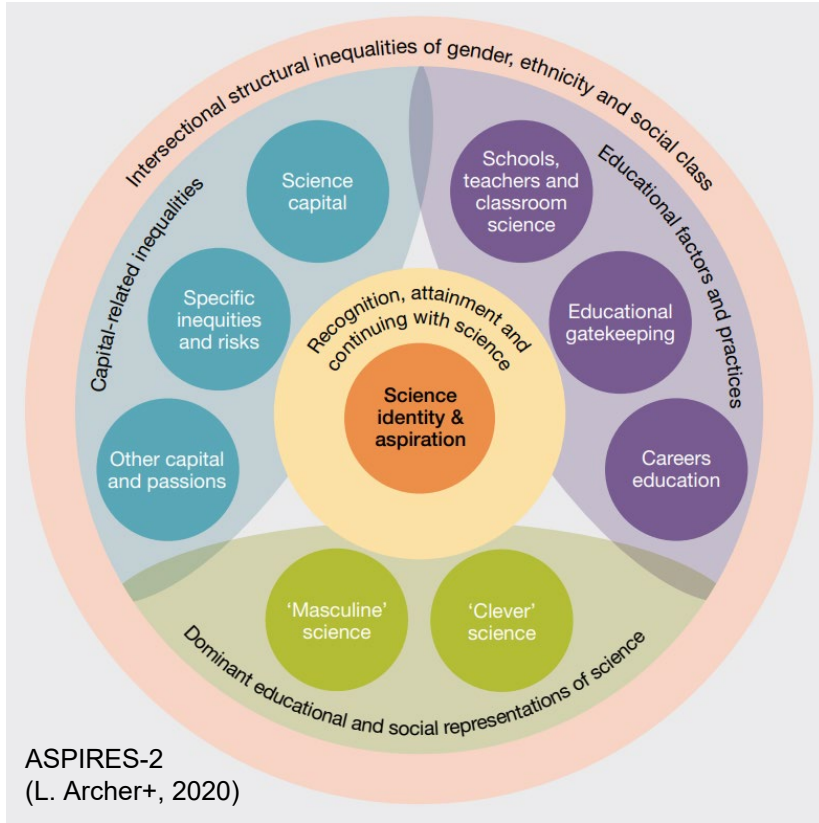


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# What affects science identity & aspirations?



Research is showing many factors affect whether students identify with and aspire towards continuing education in the sciences.

One recommendation is to increase provision and quality of careers education at primary and secondary levels.

## Science ≠ Scientists

Need resources that highlight the diversity of careers available that are related to science or that science education can enable.

How well is this being put into practice?

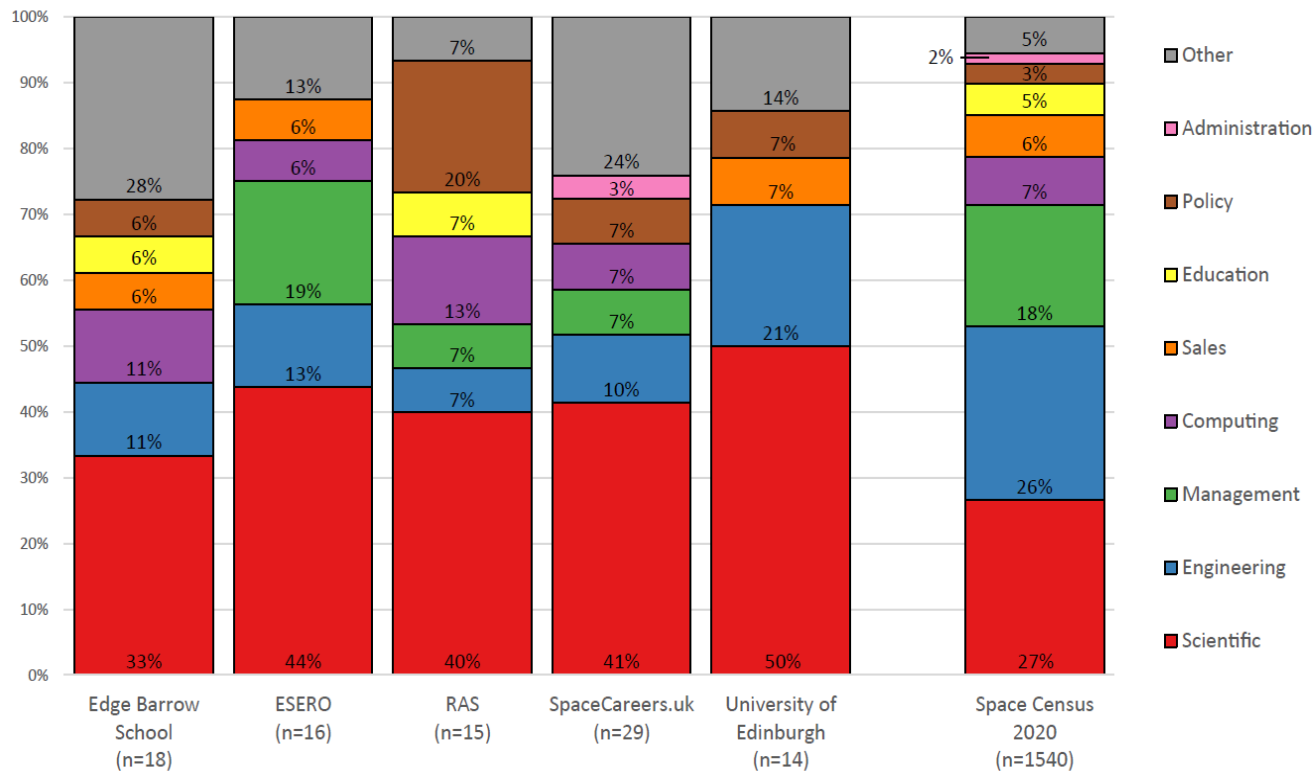
Diversity in communications typically means giving equal representation to minorities

Compare types of roles highlighted in UK space careers resources

None of them have a near-even split of job categories (11% each)

All over-represent scientific careers compared to the sector

Tend to target upper-secondary & university



**Need a more diverse space careers resource aimed at younger ages**

Adapting existing careers postcard format based around personal attributes

## “people like me”

Simple physical resource for children to take home, prompting conversations with key influencers.

Accompanying digital resources to find out about more space careers.

**Careers in STEM**

### Audiologist

Audiologists are healthcare professionals who are specialists in human hearing. They work with patients from newborn babies to the elderly, who have hearing, balance or other ear-related problems. They will typically work in health care venues like hospitals or referral units. Audiologists are **observant**, **communicative** and **patient**.

**Science to know**  
Wave Properties | Sound | Pressure

**Employer**  
Freeman Hospital  
[www.newcastle-hospitals.org.uk](http://www.newcastle-hospitals.org.uk)

**Level**  
Undergraduate degree

**Importance of Physics**  
Needs Physics | **Physics is useful** | Transferable skills from Physics

**Level of education needed**

**Relevance of physics for the job**

**nustem** For more information about Careers in STEM scan QR code or visit: [nustem.uk/careers](http://nustem.uk/careers)

Northumbria University NEWCASTLE

# Imperial College London “I’m a Space Person”

Compiled a more diverse list of 36 space careers

Matched 3 attributes to each role (well balanced)

Job descriptions, example employers, & routes into

