

TeamScience



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www.stfc.ac.uk/teamscience

Introduction to:



- What: A campaign being developed by STFC with the aim of increasing take-up of STEM subjects after 16
- Who: Aimed at 8-13 year olds and the people who influence them
- Why: Concern about a major STEM skills shortage
- How: Create resources to show that studying science isn't just to become a doctor, scientist or science teacher and you don't have to have a PhD



The research behind: ## TeamScience



Department of Education & **Professional Studies**



- Young people's science and career aspirations, age 10-14
- Five year study funded by **UK's Economic and Social** Research Council
- Studied 10-14 year olds and what influences their chances of aspiring to a science career
- **19,000 surveys**



ASPIRES findings



Department of Education & Professional Studies



- ASPIRES
 Young people's science and career aspirations, age 10–14
- Many young people like science but that doesn't translate to a career
- 'Interested but...'
- Science is 'just for the brainy few'
- Many struggle to name a STEM career other than 'scientist'
- 'Science capital' level is influential



The audience for:



- 8-13 year olds especially those with 'low science capital'
- Teachers and other influencers –
 e.g. STEM ambassadors
- Families
- Potential future partners







Tested with sample groups in relevant age group (all girls street dance group, all boys football team, mixed primary school group)

Wanted to see 'people like them', technical kit, buildings, planets, pencils, types of jobs, etc.







"I loved looking up at the stars

and wanted to be among them"

Sarah wanted to be an astronaut when she was little

and you won't believe how close she's gotten

"I simply wanted to be useful to society

and not just to myself"



For Stan, working as a research scientist

is about making a difference



"Each part of education

is a stepping stone to a dream job"

Find out more



Daniel explains how important

it is to do what you enjoy

"I like fixing things

and seeing how they work"



Tom explains why he became

an electrical apprentice



"I provide new answers and new ways

of thinking about everyday events"

Find out mor



Keeping an open mind allows Charles

to see the world differently



between creative and analytical"



Find out how Holly blends

the creative and scientific





Not just doctors and scientists!

"I really couldn't do my job without biology -

an in-depth knowledge of the human body"

Grant looked for a role

that combined science, sport and education

"I've been amazing places

and had incredible experiences

because I studied science"

Taking the opportunities that came her way

has taken Louise all over the world







Right now for:



- Resources such as leaflets and videos displayed at roadshows
- Limited materials on www.stfc.ac.uk/teamscience (find the career for you tool, external resources)
- Team profiles online
- Running more events for relevant age group eg.
 Saturday Coding Club
- Obtaining regular feedback

What next for: # TeamScience



- New website for now: www.stfc.ac.uk/teamscience
- More local events and media coverage

Discussions with potential partners





Get involved with:



- Educate people about range of careers science leads to
- Volunteer to have your profile done!
- Let us know your ideas
- Team up with us!
- Spread the word #TeamScience











Questions?

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www.stfc.ac.uk/teamscience