

INSPIRE THE FUTURE WORKFORCE

A Career Inspiration Series

NAME: DR MUSTARD

WHAT COMPANY DO YOU WORK FOR? ANGUS COUNCIL

WHAT IS YOUR ROLE? SECONDARY TEACHER

My name is Dr Mustard and I am currently a Teacher at Carnoustie High School. I knew from a very early age that my career choices in later life would involve Science. Many of the first books I read were on the human body and how things worked. Throughout school, Science was the subject I always did pretty well in.

*I left school at 16 and went to Dundee University, where I completed my undergraduate degree in **Biochemistry**. My final year research project investigated how a specific part of the immune system responded to infection. This project initiated my interest in the field of Immunology (the study of the immune system) so I applied to Birmingham University to do a Master's degree in **Immunology and Oncology** (the study of cancer).*

*During my time in Birmingham, I was involved in clinical trials that allowed me to investigate the effect of specific drugs in the treatment of an immune system cancer called Burkitt's Lymphoma. Upon completion of this degree, I returned to Dundee University to my PhD (Doctor of Philosophy) on cellular metabolism. This involved investigating treatments for Type 2 Diabetes. After my PhD, I was employed by Dundee University as a Post-doctoral Research scientist. **It was during this time that I started teaching undergraduate students. This, along with my voluntary work with disadvantaged teenagers was the catalyst to apply to do my teaching degree at Aberdeen University.***



This is the building at Dundee Uni where the majority of my research was carried out.

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FOR THE FUTURE**

*I've now worked in a variety of secondary schools but my interest in STEM began while running the Eco-group at Mackie Academy (Stonehaven). This work developed my interest in technology and sustainability so when I moved Carnoustie High School it made sense for me to volunteer my help with the STEM curriculum. **For the past 4 years, through my Principal Teacher, Raising Achievement role, I have overseen the school's STEM learning.** Many of the projects I have engaged my pupils with have involved designing future-proof, sustainable and weather resistant buildings.*



This seat was sculpted from reclaimed wood. This work was done in the outside social area of Mackie Academy and was part of the eco-work I was involved with. We also raised over £10000 to build an outdoor classroom with eco-friendly materials to compliment this work.

This is a picture of my STEM club members receiving the Junior Saltire Award for a hydrokinetic device they designed and built.

From L to R, Neve Walker, Imogen Crozier, K. Mustard, Kirsten Ireland, Fergus Ewing MSP, Glen Byars, Heather Reid OBE, Ragnall Simmons, Maya O'Connor.



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