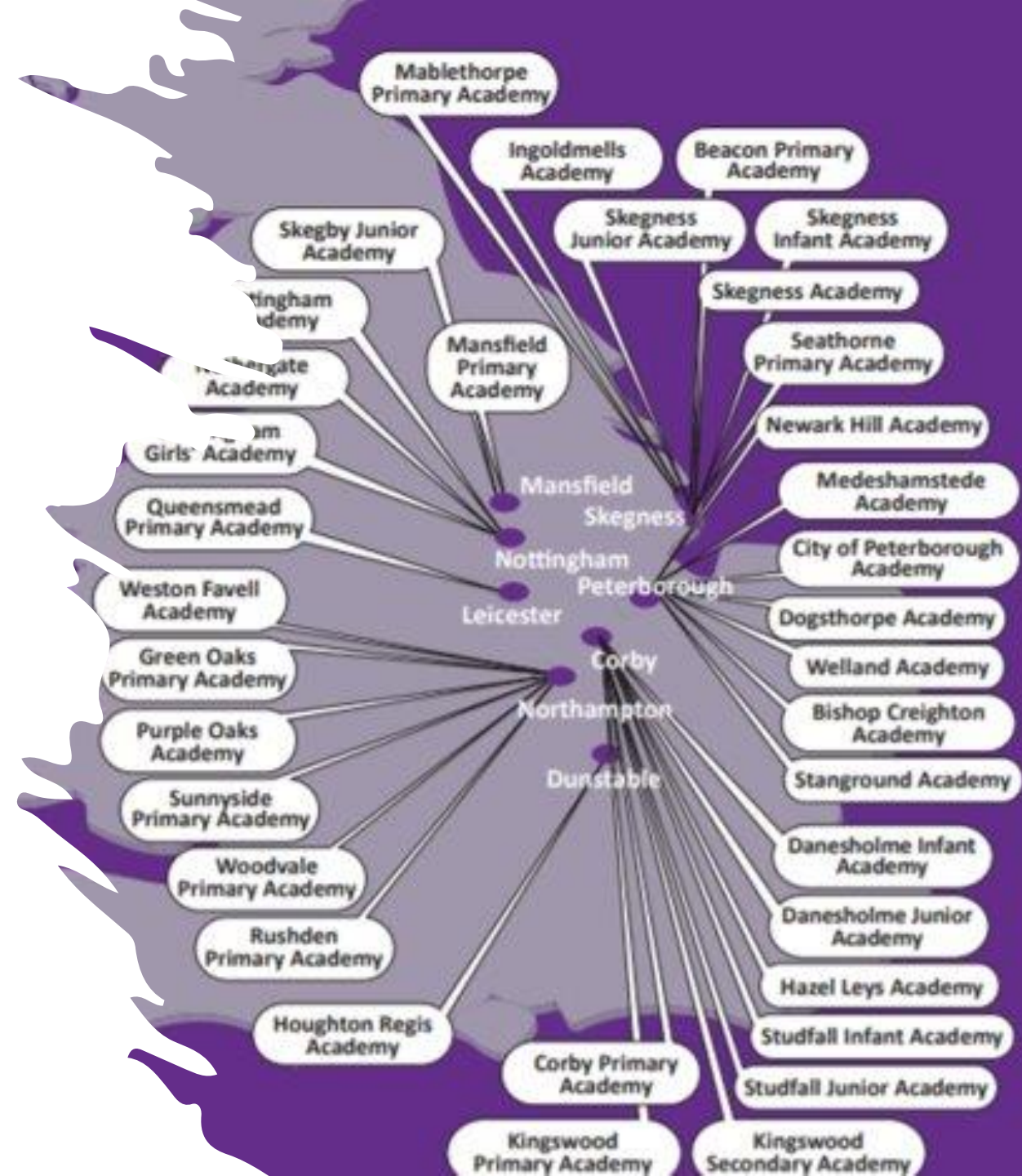


Developing the
skills for tomorrow,
today!

Graham Feek, DCEO,
Greenwood Academies
Trust



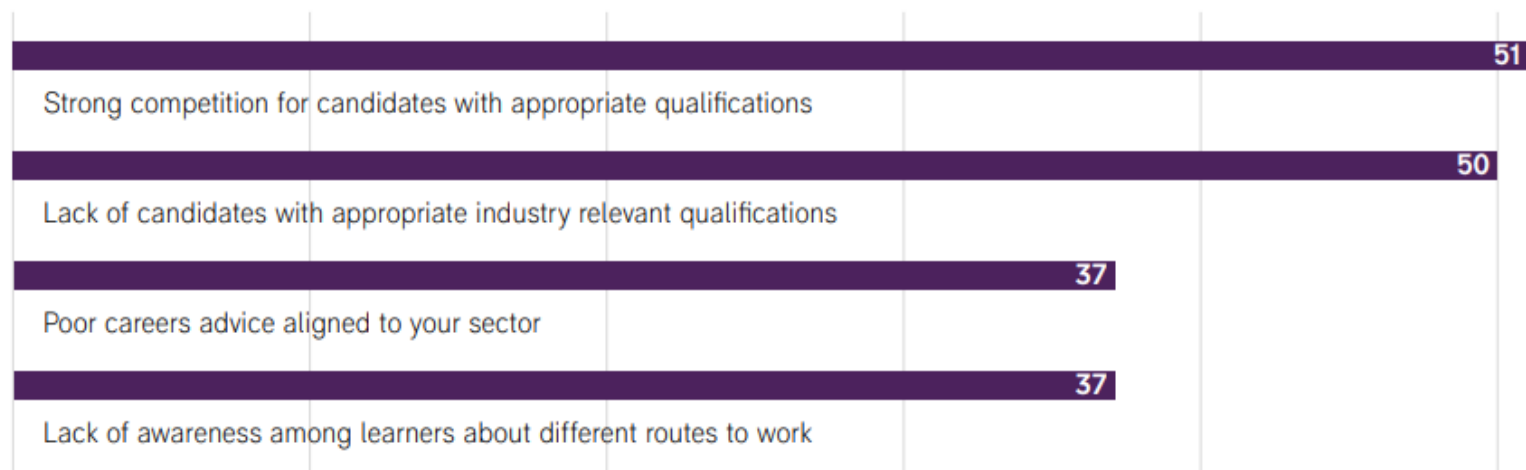




Skills for an inclusive economy

CBI/Birkbeck Education and Skills Survey 2021

Exhibit 1.4 Main drivers of skills gaps (% of respondents)*



Firms also expect to significantly increase their need for people with other workplace skills not linked to qualifications, such as negotiation and problem solving. Over four in ten (44%) expect to increase their need for these skills compared to just 3% expecting to reduce it, giving a balance of +41%.

Four in ten (41%) also plan to increase their investment relative to pre-crisis investment, with just 5% saying they will lower it – giving a balance of +35%.

A rectangular sign with a white center and blue borders is suspended by a silver chain. The sign features the word 'Staff' in a black script font and 'WANTED' in a large, bold, black sans-serif font. The background is dark and out of focus, with some light bokeh visible on the left side.

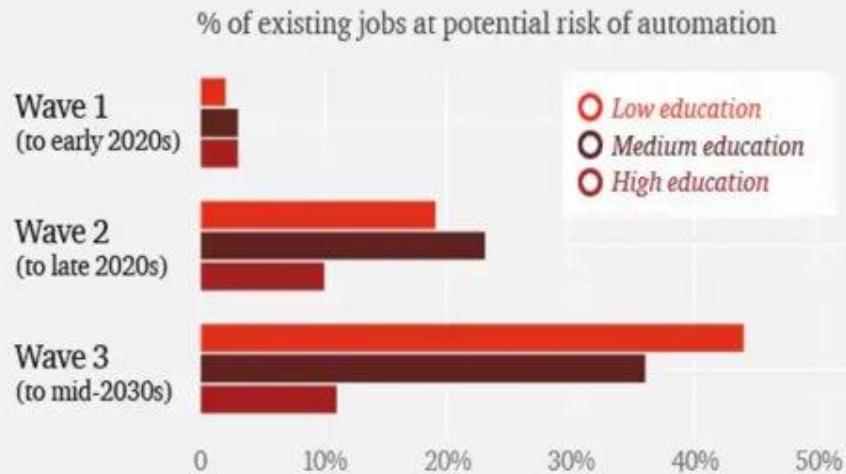
Staff
WANTED



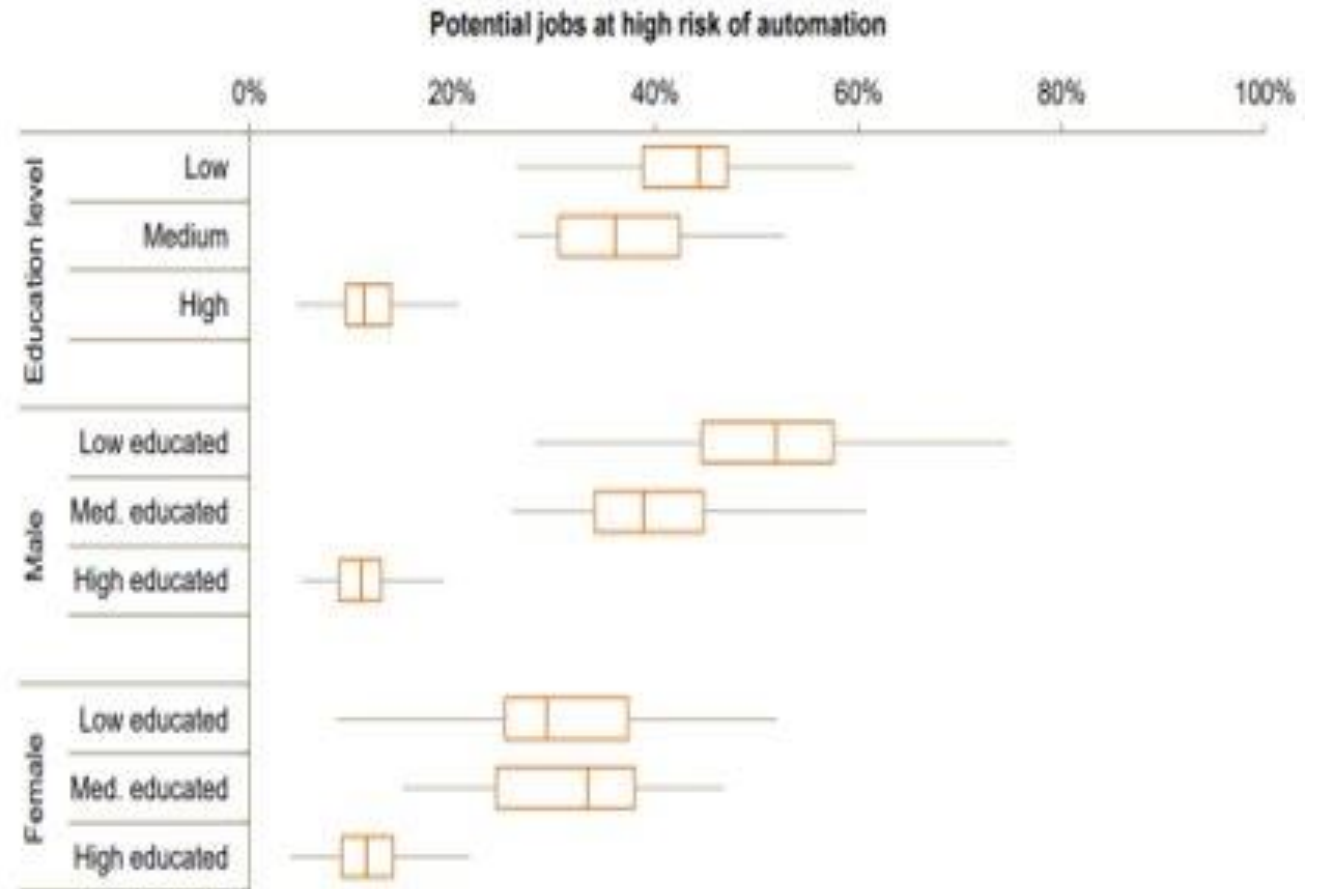
Change is the law of life, and those who look only to the past and present are certain to miss the future” JFK

Inequality risks further inequality!

Automation risks low for all education levels in short term, but less well educated workers much more vulnerable in the long run



Source: PwC estimates based on OECD PIAAC data (median values for 29 countries)



The global digital skills gap

Current trends and future directions

Carolina Feijao, Isabel Flanagan, Christian van Stolk and Salil Gunashekar*

*Senior and corresponding author

- Digitalisation and the application of emerging technologies have accelerated the demand for digital skills.
- The COVID-19 pandemic has amplified the urgency to create conditions which effectively leverage digital solutions for virtual work and commerce.
- Technological progress is necessitating agile skill adaptation from workers who need a range of new skills to adjust to the new marketplaces and work environments.

Skills in a digital world!



Top 10 skills of 2025

-  Analytical thinking and innovation
-  Active learning and learning strategies
-  Complex problem-solving
-  Critical thinking and analysis
-  Creativity, originality and initiative
-  Leadership and social influence
-  Technology use, monitoring and control
-  Technology design and programming
-  Resilience, stress tolerance and flexibility
-  Reasoning, problem-solving and ideation

Type of skill

-  Problem-solving
-  Self-management
-  Working with people
-  Technology use and development

Threat Intelligence Chief Infrastructure Automation
Pipeline (Computing) **Adobe Analytics** Mastercam
Active Server Pages (ASP) Cyber Security **.NET** C++ **Videography**
Windows Server **SQL** VMware **Python** ASP.NET CANape **STEP7 PLC**
Adobe Premiere **Microsoft Azure** Facebook **Microsoft C#**
Adobe Creative Suite **SQL Server** **Java** Microsoft Access **Civil 3D**
Google Adwords User Interface (UI/UX) Design **AutoCAD** Docker Software
Pandas **Adobe Photoshop** **Adobe Acrobat** **LINUX** HubSpot **Kubernetes**
Adobe InDesign **Adobe Illustrator** **UNIX** SAS **LinkedIn** Salesforce
Deep Learning **JavaScript** Apache Hadoop **Tableau** Spring Boot
Automation Tools Microsoft Exchange **SolidWorks** **Data Analysis**
Google Analytics Video Editing **Salesforce Marketing**
Integration with Computer/Network Support roles

Source: Future of Jobs Report 2020, World Economic Forum.

Similar skills
but
21st century
context



UK 'heading towards digital skills shortage disaster'

Why?

- a lack of clearly-defined job roles in certain fields
- a lack of understanding and guidance about potential career paths
- a lack of relatable role models
- a difficulty in making many technical professions seem appealing to young people, especially young women



Skills for Jobs: Lifelong Learning for Opportunity and Growth

January 2021



SEND Review: Right support Right place Right time



Opportunity for all: strong schools with great teachers for your child



LEVELLING — UP —

Levelling Up the United Kingdom
Executive Summary

Many strategies and policies

The priority?



Primary accountability measures - update

Measures for the 2021 to 2022 academic
year

March 2022



Secondary accountability measures – update

Measures for the 2021 to 2022 academic
year

March 2022

Guidance

School inspection handbook

Updated 14 April 2022



What are they?

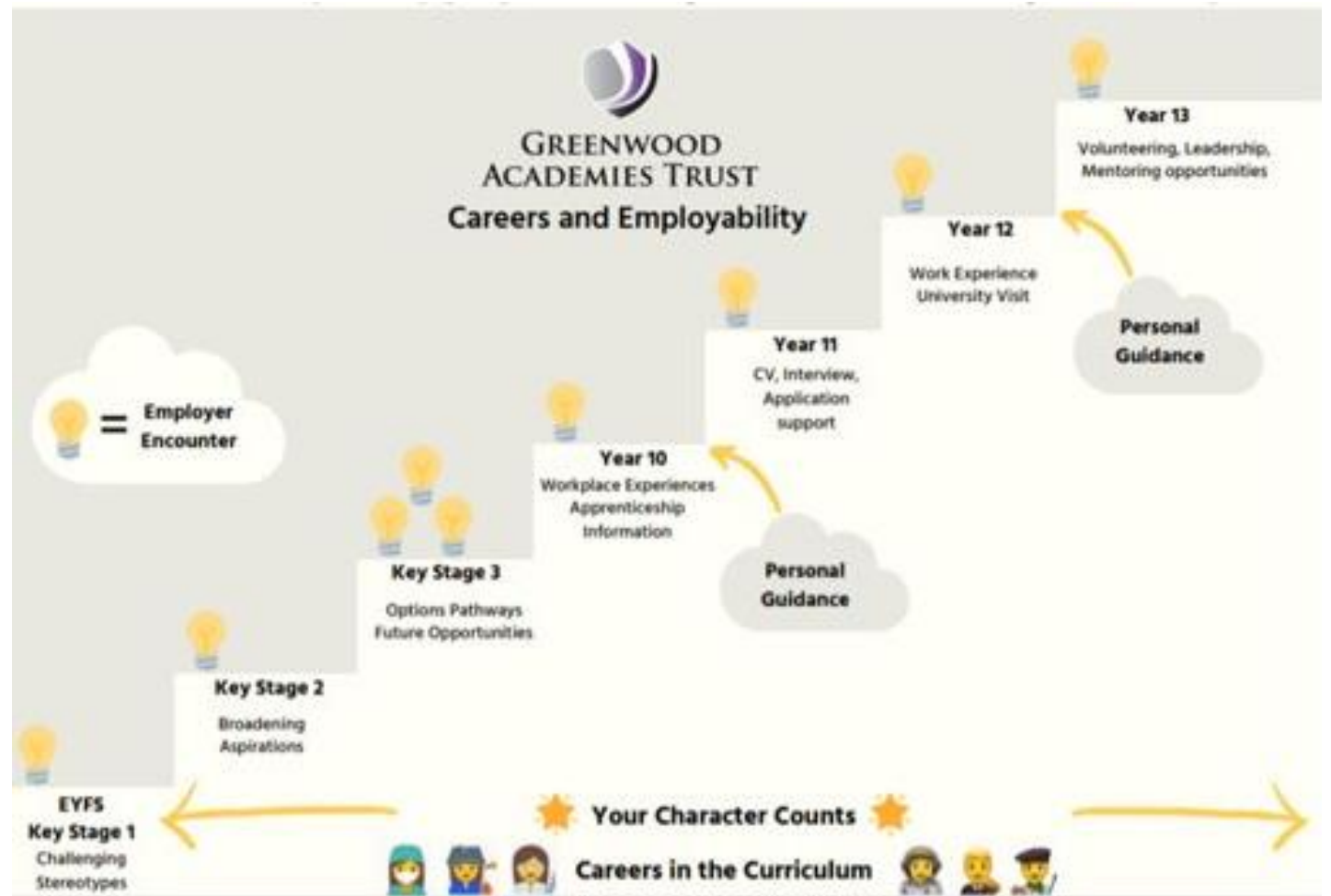
How do I develop qualifications and skills to take them?



OPPORTUNITIES

Explore ALL the Options

Programmes and Activities





Skills Builder

PARTNERSHIP



One universal framework for essential skills

Digital Skills and Future Careers

Nadine, Business Programme Manager Intern at Microsoft

"You don't need to be technical to work in tech."



Flipgrid Code 5caf4d1a Rachel Macken... 0 Responses

December 15, 2020

3. Microsoft Educator Community

For sixth form students considering a career in teaching.

Learn more about the Microsoft Educator Community which GAT students can access free of charge.

This short video and the accompanying links and resources will give you some key messages for you to then explore further. Please don't hesitate to record or type a short response if you have any questions that are related to this topic and we will provide an answer to your query.

MEC website

Record a Response



Flipgrid Code 410c56a2 Rachel Macken... 0 Responses

December 15, 2020

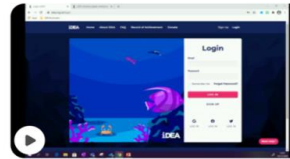
4. iDEA award - Earn digital badges

The Inspiring Digital Enterprise Award, known as iDEA, is an international award winning programme that helps you develop and demonstrate your digital, enterprise and employability skills for free.

This short video and the accompanying links and resources will give you some key messages for you to then explore further. Please don't hesitate to record or type a short response if you have any questions that are related to this topic and we will provide an answer to your query.

iDEA Award website

Record a Response



A 3 – 19 STRATEGY TO SUPPORT DIGITAL EDUCATION, SKILLS DEVELOPMENT AND QUALIFICATIONS TO BOOST EMPLOYABILITY

EYFS and KS1 – Essential Skills development (Skills Builder)

KS2 – Explore the Digital Future Modules

KS3 – Explore the Digital Future Modules/iDEA Award

KS4 – Mentoring, Work Experience, Imagine Cup Junior

KS5 – Microsoft Office Specialist qualifications



*'Motivating young people to be excited by
Tech - inspiring them to think big about future
employment in the Tech industry'*



GREENWOOD
ACADEMY
TRUST

University of
Nottingham
UK | CHINA | M



MINECRAFT



Digital
Nottingham



Explore the Digital Future Programme



The best education resources for digital skills in one place



A photograph of several hands raised against a clear blue sky. The hands are positioned at various heights and angles, suggesting a group of people participating in a collective gesture. The lighting is bright, and the sky is a uniform light blue.

First Free Takeaway of the day!

MICROSOFT LEARN

Educator Center

Dive deep into learning with interactive lessons, earn professional development hours, acquire certifications and find programs that help meet your goals.

[Browse all educator training](#)

Educator training and professional development

21st Century Learning Design (21CLD) Rubrics



Skills behind our learning design



Learning and Future Ready Skills



Language of Skills used with the children consistently across the academy

We are a Microsoft Showcase School



Using technology to enhance learning and life long skills

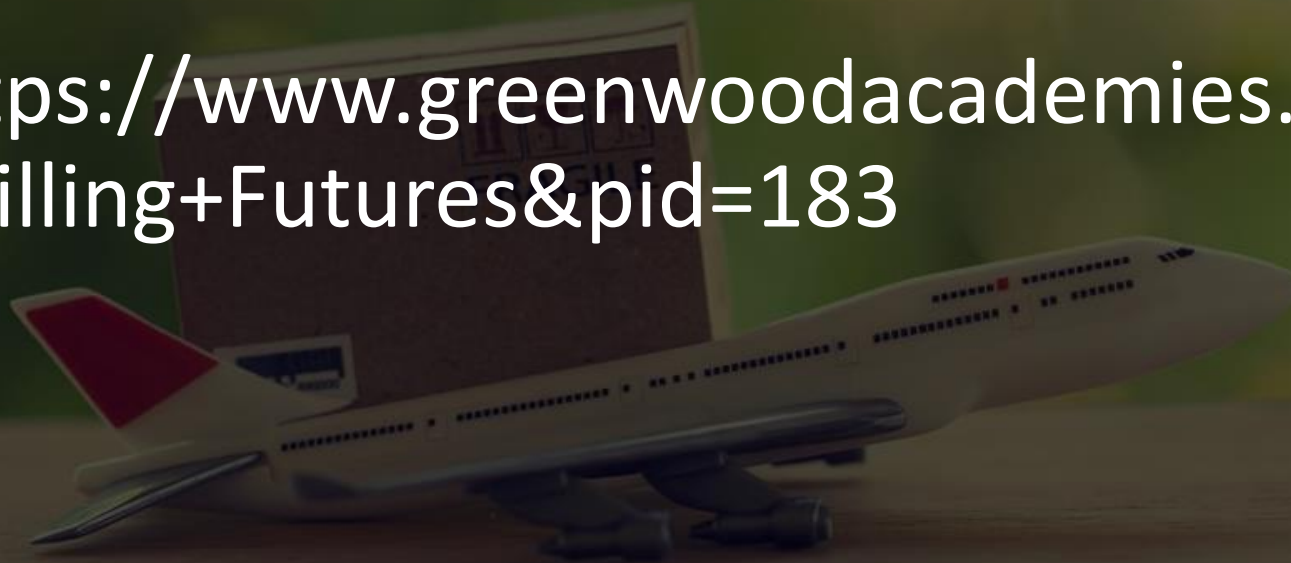


Creating inspirational opportunities to aim high in everything our children do

-

SECOND FREE TAKEAWAY!

<https://www.greenwoodacademies.org/page/?title=Fulfilling+Futures&pid=183>



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THE CAREERS &
ENTERPRISE
COMPANY

COMPLETE
CAREERS

FULFILLING
FUTURES
connecting the DOTS



FULFILLING
FUTURES
connecting the DOTS



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FULFILLING
FUTURES
connecting the DOTS



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Thank you

<https://www.greenwoodacademies.org/page/?title=Fulfilling+Futures&pid=183>

