**AtkinsRealis** employ people in a wide variety of roles from nuclear physics and robotics; computer aided design (CAD) and civil engineering; to project management and social value. The company works in sectors including aviation, education, energy, sustainability, digital and gamification. AtkinsRéalis have a wide-ranging careers programme that supports young people from Year 5 to Year 13 and also strategically through the provision of STEM Governors on school boards to drive attainment, sustainable curriculum enrichment and help schools achieve the Gatsby Benchmarks.

The [STEM governor programme](https://governorsforschools.org.uk/learning-and-events/programmes/stem-governor-programme/) has been developed by AtkinsRéalis and Governors for Schools to build long-term, collaborative relationships between industry and education.

* [AtkinsRéalis](https://www.atkinsrealis.com/en/contact#europe/all/all/all) plans to [recruit 150 STEM Governors](https://www.atkinsrealis.com/en/media/trade-releases/2024/2024-02-29-a) to school/trust boards by summer 2025 as part of the programme
* [Governors for Schools](https://governorsforschools.org.uk/welcome-to-school-governance/?gad_source=1&gclid=Cj0KCQjwsoe5BhDiARIsAOXVoUvu1dcsFBkV8tiXZa-4-Kc6LtjNBGGHCnk8kHlDcynUGmt0euis9JAaAh0XEALw_wcB) supports boards to run effectively, by finding high-calibre governors across England and Wales. If your school is interested in finding an industry governor please get in touch with GfS through the website.

**AtkinsRéalis STEM Modules for Secondary Settings**

**The Ethics of Innovation: Class Project and National Awards (Age 11 to 19)**

Apply here: [Awards 2025 – Stage 1 Entry Form | TeenTech](https://teentech.com/awards/stage-1-form/) / Read more about the project here: [Ethical Innovation | TeenTech](https://teentech.com/awards/categories/ethical-innovation/)

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We want young people to think about where they want to see progress in society and how we can achieve it through designing, building or project managing an innovative solution.  They might consider how they will make their product accessible, fair to workers involved in design, production and distribution, its impact on people and the planet, data privacy, openness and transparency and the social and political impact of their ideas.

**Inspiration for their project could come from….**

* **Fair Algorithms**: Developing algorithms that are designed to be unbiased and transparent helps prevent discrimination and ensures fair outcomes in applications like hiring and lending, whilst protecting against the ‘weaponising’ of AI to spread misinformation or targeted societal disruption.
* **Prosthetic limbs and wearable exoskeletons** that can that operate without human intervention in dangerous working environment (like nuclear or near the operational rail, aviation or road network)
* **Technologies designed for accessibility**, such as voice-controlled automation systems that enhance the independence of people with various impairments.
* **The Circular Economy** to support recycling and the reuse of materials like steel, glass and bamboo.
* **Modular Buildings**: Prefabricating building sections in a factory setting reduces construction waste, improves quality control, and shortens build
* **High Speed Rail, Electric Vehicles and battery** technology that can help reduce carbon footprints.

These examples illustrate how ethical considerations can be integrated into engineering practices to create solutions that benefit society and the environment while advancing technology and innovation.

**Essential Skills: Online modules and mentoring**

Essential skills are the fundamental abilities that enable individuals to perform tasks effectively in various settings, including the workplace. Essential skills are crucial because they enhance employability, support career growth and improve productivity.

Through our Essential Skills module we offer both an independent learning platform called **Connectr**where young people looking ahead to the world of work can navigate through the content in their own time – including teachers and parents. AtkinsRéalis use Connectr to support and share knowledge in an informative way, with the aim of the individual feeling more equipped or inspired to apply for one of our Early Careers programmes. The content includes:

* Insight into AtkinsRéalis
* Confidence and Wellbeing including self-image and building resilience
* Developing your personal brand
* Understanding the application process

There is also an opportunity to ask questions to our mentors. The mentors are current AtkinsRéalis graduates, apprentices and placement students. They can offer you advice on applying for a role and all things AtkinsRéalis!

**Use this link to access Connentr**: [AtkinsRéalis Early Careers - Connectr](https://atkins.connectr.co.uk/early-careers)

**Virtual Work Experience -** [Springpod](https://www.springpod.com/virtual-work-experience/atkins-future-innovators/WEXP-00057)

AtkinsRealis hosts our virtual work experience programme on [Springpod](https://www.springpod.com/virtual-work-experience/atkins-future-innovators/WEXP-00057). The programme is fully accredited with content providing an overview of AtkinsRéalis, who we are, what we do, our values, different business units and roles, as well as application hints and tips for our early career's roles. All of this is showcased through text, video, activities and webinars, recognising the online world that allows us to collaborate in the modern workplace.

Our virtual programme helps to provide equal access of opportunity to schools that may be remote and young people who may not have access to the internet at home but can log in when at school.

* The programme is open on an on-going basis.
* There is cc10 hours of content
* All students receive a certificate post completion.
* The programme is open to anyone aged 13+