**Further information and resources for the motion ‘Send the motion ‘Improve Access to Educational Technology’ to NUS’**

*Written by Anas Dayeh*

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**1. Quick abstract**

"Improve Access to EdTech" Motion:

This motion seeks to ask the National Union of Students (NUS) to call on the government to prioritise investment in technology, include those using artificial intelligence (AI), in education.

Educational technology (EdTech) refers to the digital resources, both online and physical, that can help students achieve their full educational potential.

Physically: this motion resolves to call on the government to provide every child with access to a computer or laptop to access online. The need for this was proven to be critical during the pandemic, we cannot risk it happening again, and for working class student to be academically disadvantaged.

Online: the motion highlights the potential of tech-based learning resources and programs to enhance and improve the education experience for students. It also acknowledges that access to these resources is often limited, particularly for disadvantaged and low-income students. Websites, such as Uplearn, use short animated videos, as well as AI and cognitive development, to personalise learning. Websites like this have demonstrated the benefits of technology in education, as those who use them exceed in achieving high academic grades.

The current government has also made it more difficult for working class students to achieve higher grades by increasing the grade boundaries, as well as planning to add additional coursework by requiring students to study maths until the age of 18. All this adds to the significant pressure teachers and the education system is currently facing, and it is not being compensated by adequate additional support.

This is why to address these issues, the NUS should call on the government to invest in developing and implementing technology-based learning resources and programs, including providing students with access to computers or laptops to access online content and integrating technology into the curriculum. This will provide a more personalised teaching experience for student, as well as reduce the pressure on teachers by providing tools that students can use at any time, in and out of school, to work at their own pace.

If this campaign is successful, this will hopefully help achieve the following aims:

* Improving academic outcomes
* Reducing inequality in education
* Preparing students for the future by giving them the skills and knowledge they need to succeed in a rapidly changing world.

By taking action now, the education system can be better prepared for the future and better able to adapt to changing needs and challenges, with no one left behind.

2. Changes done following suggestions from the Student Council

I had a number of recommendations suggested that will be explained here. Some points will be explained in depth in other sections.

1. Someone suggested that the title of the motion should be changed to be broader.

a. The old name: “Ensuring Access to Technology and Artificial Intelligence in Education”

b. The new name: “Improve Access to Educational Technology”

c. This change will mean other forms of EdTech, not only those based on AI, will be advocated for.

d. This also fits with the first resolution that the NUS motion seeks to achieve:

· That the NUS call on the government to invest in the development and implementation of technology-based learning resources and programs, including providing every child with access to a computer or laptop to access online content and incorporating technology into the curriculum.

2. Providing clarity on how NUS motions work.

a. This is explained in point 3

3. Question raised on what other websites are similar to Uplearn

a. Provided in point 4

3. EdTech examples

This section will include examples of online resources, those developed around AI, as well as others. Due to the lack of investment and care given to this in the UK, many examples will include international resources. Some of these resources are also tailored towards schools, rather than students directly. This also shows the need for government-sponsored investment, as even if students can afford them, they can only access them through their school.

Online resources (AI):

- Uplearn [https://uplearn.co.uk](https://uplearn.co.uk/)

- Cognii [https://www.cognii.com](https://www.cognii.com/)

- Riid LABS <https://www.riiidlabs.com/home>

- MATHiaU (for higher education) <https://www.carnegielearning.com/solutions/math/mathiau/>

- Other services: <https://www.carnegielearning.com/services-overview/tutoring-services/>

- Knewton <https://marketing.knewton.com/what-is-alta/>

- All courses: <https://www.knewton.com/courses/>

- StepWise <https://www.querium.com/ai/>

- StepWise Maths [https://stepwisemath.ai](https://stepwisemath.ai/)

- Century [https://www.century.tech](https://www.century.tech/)

- Kidaptive [https://www.kidaptive.com](https://www.kidaptive.com/)

Online resources (general):

- Seneca https://senecalearning.com/en-GB/

- Age of Learning [https://www.ageoflearning.com](https://www.ageoflearning.com/)

Physical/in-class:

- In-class augmented reality [https://www.blippar.com](https://www.blippar.com/)

- Nuance <https://www.nuance.com/dragon/industry/education-solutions.html>

- Civitas [https://www.civitaslearning.com](https://www.civitaslearning.com/)

- This is a project that aims to increase AI literacy [https://aiedu.org](https://aiedu.org/)

4. Extra resources/information

· Everything You Need to Know About Education Technology “EdTech” <https://resources.owllabs.com/blog/education-technology>

· New global data reveal education technology’s impact on learning <https://www.mckinsey.com/industries/education/our-insights/new-global-data-reveal-education-technologys-impact-on-learning>

· Time for a World Education Service: Focused, Free and for All <https://institute.global/policy/time-world-education-service-focused-free-and-all>

· Tech-Inclusive Education: A World-Class System for Every Child <https://institute.global/policy/tech-inclusive-education-world-class-system-every-child>

· Why Tech-Inclusive Education Is a Right, Not a Luxury <https://institute.global/policy/why-tech-inclusive-education-right-not-luxury>

· Why Education Systems Must Adopt a Tech-Inclusive Perspective <https://institute.global/policy/why-education-systems-must-adopt-tech-inclusive-perspective>

· Technology and Innovation in Global Education Systems <https://institute.global/policy/technology-and-innovation-global-education-systems>

· Ten ways artificial intelligence is transforming the education industry <https://appinventiv.com/blog/10-ways-artificial-intelligence-transforming-the-education-industry/amp/>

· Future of Testing in Education: Artificial Intelligence <https://www.americanprogress.org/article/future-testing-education-artificial-intelligence/>