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## **PREMIER ENABLES K-12 EXPLORATION, ENGAGEMENT, AND EXCELLENCE WITH STEM BUSES**

Equipping K-12 students with the skills and knowledge necessary to thrive in an increasingly digital and automated world is crucial. Science, technology, engineering, and mathematics (STEM) buses or mobile innovation labs play a vital role in inspiring and equipping the next generation of STEM leaders. By providing access to cutting-edge technology, hands-on learning experiences, and mentorship opportunities, these initiatives empower students to develop the skills, confidence, and passion needed to succeed in STEM fields and contribute to a more innovative and inclusive future.

The significant impact STEM fields will have on the global workforce cannot be overlooked. According to the World Economic Forum, it's estimated that by 2030, approximately 85 million jobs may be displaced by a shift in the division of labor between humans and machines, with 97 million new roles, predominantly in STEM-related fields, expected to emerge.

Furthermore, a report by the Pew Research Center highlights that STEM workers not only enjoy higher earnings compared to non-STEM workers but also experience lower levels of unemployment. The study found that in the United States, the median annual wage for STEM workers was \$84,880 in 2019, significantly higher than the median wage for non-STEM workers (\$37,020). Additionally, the unemployment rate for STEM workers was consistently lower than that of non-STEM workers, emphasizing the resilience and stability of STEM-related careers in the job market.

Moreover, fostering diversity and inclusion in STEM fields is crucial for driving innovation and addressing global challenges. However, disparities persist, particularly in terms of gender representation. According to UNESCO, only around 35% of STEM students globally are female, highlighting the need for concerted efforts to encourage more girls and women to pursue STEM education and careers. Embracing diversity not only enhances creativity and problem-solving but also ensures that a wide range of perspectives are represented in STEM-related industries, leading to more equitable and impactful solutions.

Premier Wireless boasts three decades of experience advancing K-12 education through technology. We partner with schools and school districts across the country to provide in-building as well as innovative solutions to expand learning beyond the classroom. Through school bus Wi-Fi, with ConnectED Bus – Connectivity, providing internet connectivity to students during their commutes to and from school as well as to school activities, to STEM buses and innovation learning labs, we are poised to exceed expectations with our diverse portfolio of hardware, innovative technology solutions, and unparalleled customer service. To learn more about STEM buses, ConnectED Bus, or any of our K-12 solutions, contact us at [sales@pwbts.net](mailto:sales@pwbts.net).

World Economic Forum. "The Future of Jobs Report 2020." Accessed March 2024.

[https://www3.weforum.org/docs/WEF\\_Future\\_of\\_Jobs\\_2020.pdf](https://www3.weforum.org/docs/WEF_Future_of_Jobs_2020.pdf)

Pew Research Center. "The State of American Jobs." Accessed March 2024.

<https://www.pewresearch.org/social-trends/2016/10/06/the-state-of-american-jobs>

UNESCO. "Cracking the code: Girls' and women's education in science, technology, engineering, and mathematics (STEM)."

Accessed March 2024. <https://unesdoc.unesco.org/ark:/48223/pf0000253479>

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## **About Premier Wireless**

**Premier Wireless'** advanced technology solutions transform schools and school districts across the nation by enabling innovation and improving safety and communication. We collaborate with you to tailor our diverse products and programs to meet your specific needs while ensuring scalability for future growth. Premier fosters lasting partnerships through unparalleled customer service and white-glove support. For more information about Premier Wireless, visit [www.premierwireless.com](http://www.premierwireless.com).