

Tinkerine Studios announces K-14 “D-School” Initiative

November 20, 2019 - Tinkerine™ Studios Ltd. (TSXV: TTD) (“Tinkerine” or the “Company”) announces strategic initiatives in Applied Design, Skills, & Technology (“ADST”) for the K-14 market. Tinkerine’s new plan sought strong input from K-14 practitioners and from expert advisors in higher education and business markets. Tinkerine’s Founders have deep backgrounds in design thinking, processes, and execution. The Design School (“D-School”) approach has been deployed in major tech savvy institutions like Stanford University and companies like Apple Computer.

The demand for applied design and 3D solutions is accelerating in major technology-driven disciplines including engineering, healthcare, architecture and manufacturing. These disruptive technologies require a new skilled labour force that must be trained and educated beginning early in K-14 education and continuing into post-secondary learning. Students must be prepared for a dramatically changing, tech-centric job market. Tinkerine’s 3D solutions and educational resources are essential to prepare our students with real world, knowledge and skills for 21st Century careers.

Market research has indicated the global 3D printing US \$23.9B in 2020 with it reaching US \$34.8B by 2024 (Markets and Markets Feb 2019). Industrial Design US \$40.7B in 2020 projected to be US \$59B in 2024 (Market Study Report Feb 2019) and Educational Robotics US \$146.5M in 2017 by 2025 projected to be US \$640.5M (Research and Markets June 2018).

Tinkerine CEO, Eugene Suyu pointed out that; “The D-school concept delivers hands-on, project-based learning into K-14 curricula. Incredible, high quality, 21st century products are being rapidly developed using applied design thinking, processes and advanced 3D printing technologies in today’s businesses and university research labs.”

Tinkerine K-14 “D-School”:

- Design thinking & 3D tools will be one of the main production methods in our children’s lifetimes.
- Tinkerine’s DittoPro & DittoPro-R 3D printers are in over 500 Canadian & USA schools.
- *TinkChat* is Tinkerine’s *video podcast* series highlighting the impact of design thinking and 3D printing in industries hosted by CEO Eugene Suyu & staff.
- Over 191 *TinkChat* videos are here: <https://www.youtube.com/user/Tinkerine>.
- Tinkerine to invest in an online education resource center for applied design alongside Tinkerine’s other educational initiatives.

Tinkerine is receiving support from its active board of directors. Special assistance is being provided by director, Bob Longo, who previously held executive positions with Apple/NeXT, Carnegie Learning, Studywiz, SchoolOne and Westinghouse. Bob is a former educator and C-level executive with a strong background leading EdTech businesses and developing sales & marketing teams.

Tinkerine sales and marketing is focused on new account sales and add-on sales to its growing install base. Additional sales focus is being placed on revenue generation from the sale of filament and service offerings. 10% of Tinkerine’s revenue is generated from its sale of filament and proprietary education content. Sales management is adding more sales channels and strategic partners like Emily Carr University & Sprott Shaw College.



About Tinkerine

Our mission is to provide a foundational understanding about applied design thinking & processes that produce 3D printing solutions by students. Our ecosystem of 3D printing products and educational resources equips learners with the innovative tools and products that prepare them to stay ahead in an everchanging, tech-driven world. Tinkerine enables the curious to convert creative ideas into the tangible and the unimaginable. Our students are always “Learning by Tinkering”.

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Eugene Suyu

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