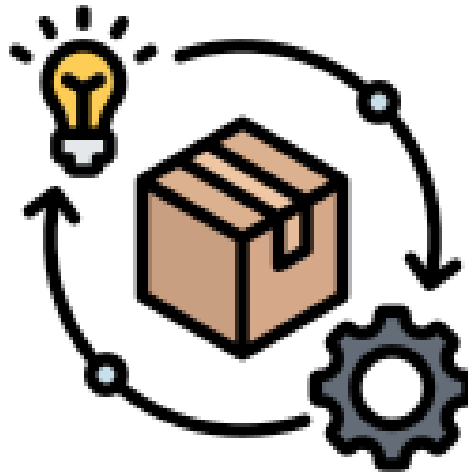


LOKII-CE™

STEM with Critical Extensions



BToBSTEAM Limited

The Ultimate End Game

STEM should nurture Entrepreneurship among its students, and give them guidance in:

1. Commercialization of their inventions
2. Starting up businesses

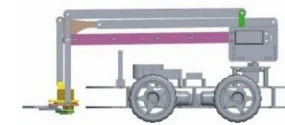
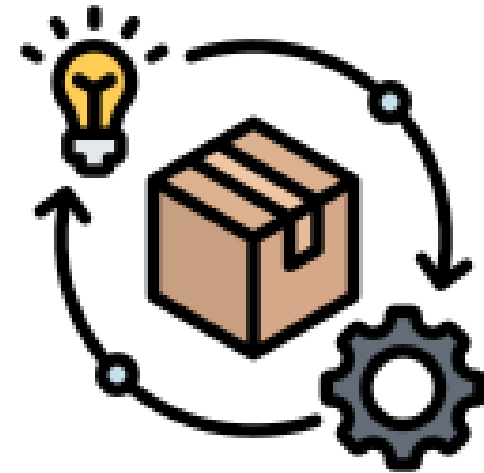
BUT

- STEM leaves these two critical components to chance
- Commercialization and Entrepreneurship become a hit-and-miss endeavour



A Typical Commercialization Workflow

- Every invention begins with an Idea
 - Bulb light up in the head
 - Proof of concept
 - Prototyping using LOKII-CE™, Arduino, or Raspberry Pi
 - Show and tell gadgets to interested parties (e.g. merchandisers)
- Commercialization turn lemon into lemonade
 - Fundraising (e.g. Kickstarter)
 - Engaging merchandisers for sales/marketing/distribution of potential product
 - Productization
 - Redesign the gadget for mass production (NRE)
 - BOM Costing
 - Engaging factory for manufacturing
 - Product hits the shelf



How Can LOKII-CE™ be Used

1. STEM Education

- For Existing STEM curriculum
 - Reuse/simplify course materials while using the LOKII-CE™ boards instead of the Arduino/Raspberry Pi boards for teaching
 - Teacher can make use of the LOKII-CE™ rich set of onboard embedded functions to
 - Simplified the design of existing class projects
 - Design additional class projects to illustrate more advanced ideas, such as
 - Sophisticated robots
 - Manufacturing control systems
- Brand new LOKII-CE™ STEM curriculum
 - Design brand new course materials including additional components in
 - Commercialization via **LokiiConnect™**
 - Entrepreneurship



2. Entrepreneurship

- Commercialize inventions via LokiiConnect™
 - Design new gadgets using LOKII-CE™
 - Redo Arduino or Raspberry Pi prototypes using LOKII-CE™

Everyone a Winner

- LokiiConnect™ Royalty Sharing Scheme
 - Each LOKII-CE™ board is burnt in at the factory a unique ID, enabling BToBSTEAM Limited to trace the chain of users (sales agent/STEM teachers/students) involved in any commercialization endeavour
 - BToBSTEAM encourages LOKII-CE users to invent and share their creative works. In addition, BToBSTEAM encourages agent/STEM teachers to teach their communities to learn and use LOKII-CE.
 - To achieve this goal, BToBSTEAM provides an online APP store to allow LOKII-CE users (creators) to sell their APPs with software encryption .
 - With APPs selling, all LOKII-CE agents /STEM teachers registered in LokiiConnect™ can share the profits generated from their underlying creators APP sales.
 - Realizing that some situations may prevent a user from participating in any royalty-sharing schemes (e.g. anti-corruption violation concern), a user can **opt out** or **opt in** of the Royalty Sharing Scheme at any time he/she prefers at the user's own discretion