stem.T4L Learning Library Explore | Create | Learn





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LX Designer, Professional Learning Wrangler, Education Change Coach, Microsoft Learning Consultant

I want to build learning experiences in which students learn for **their** future, not **our** past.





l too acknowledge

... the traditional custodians of the land on which we meet today. We acknowledge the role of elders past, present and future and the importance of observing the cultures, customs and traditions of Aboriginal Australia.







In this session I will....

- Explain the stem.T4L Project and Library
- Explore our user journeys in the site
- Share the technical components
- Oiscuss our Power BI reports
- Share the future directions of the Library







What is the stem.T4L Project?

stem.T4L Outcomes

Student and Teacher focused

80,000 Teachers 1,000,000 Students



Raise awareness of effective use of technology to improve student learning



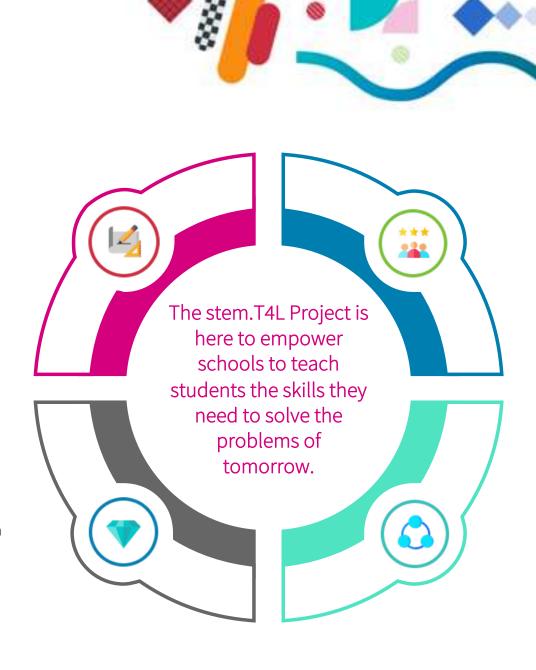
Enable teachers to understand, experience and embed STEM technologies into teaching and learning



Support student's capabilities to use technology for learning and to build digital resilience



Create a sustainable STEM community of practice within the NSW Department of Education





Our Focus Areas



Kits

Professional Learning

Learning Challenges

Community







Our Kits





Tablet Robotics Kit

Dash, LEGO WeDo 2.0, BlueBot, iPads



3D Printing Kit

3D Printer PC Laptop



Virtual Reality Kit

Non-Immersive and Immersive kits.



PC Robotics Kit

LEGO EV3, Micro:bit, Ozobot, Makey Makey, PC laptops



Filming Kit

Ipads, Green Screen, Microphones, Tripod

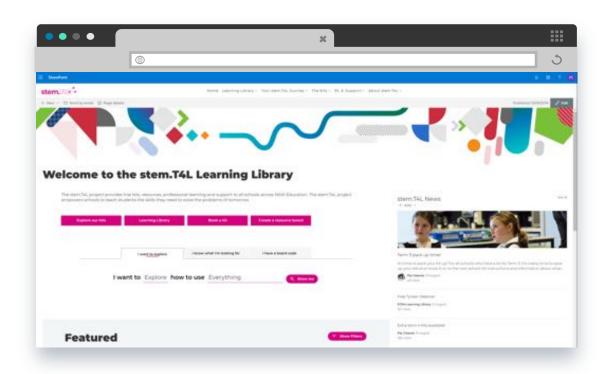


Coding Kit

Browser based coding Platforms







The vision of our stem.T4L Learning Library



Discover

Follow or remix boards to your own profile. Cards will lead you to links, videos, support documents and Learning Challenges



Create

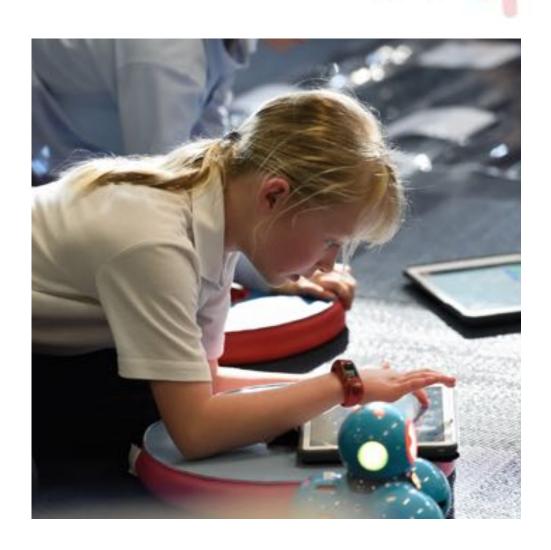
Remix or create your own boards and pin cards to them. Tag with keywords and syllabus outcomes for others to find and use.



Share

Share a boards with your students to support their learning. Inspire others through sharing to Yammer, Twitter and Facebook.

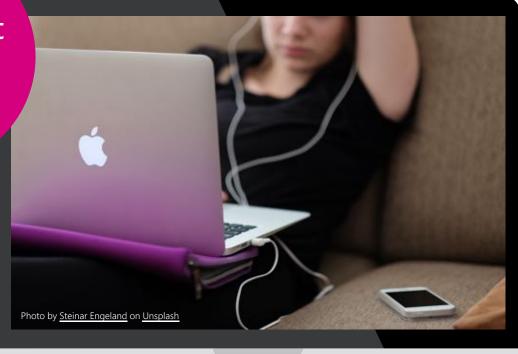




Our Users and their Journeys



Just make it work for me...



The Couch Traveller

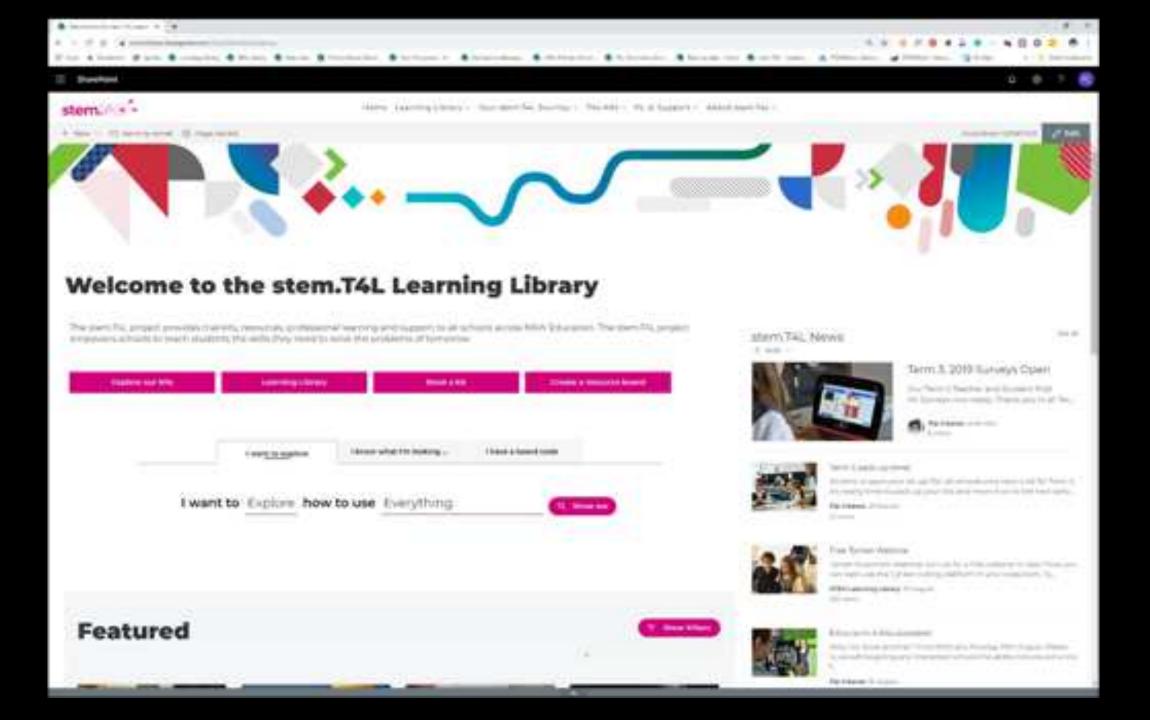
Disengaged. Happy where they are. Not interested in exploring new experiences.

Provide help guides in plain language. Provide contextual navigation.

Provide a personalised experience.

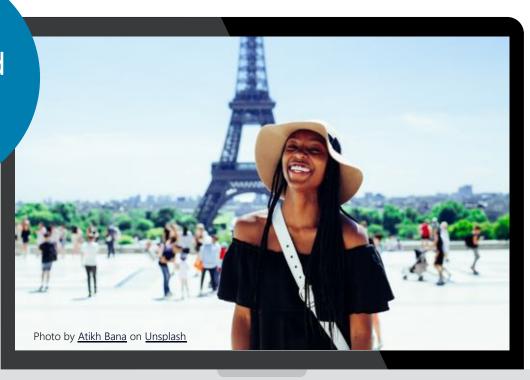
Make trouble shooting reassuring







Sure, I'll jump in and check it out...



The Contiki Tourer

Tolerant. Open to new experiences from the comfort and safety of a guided tour

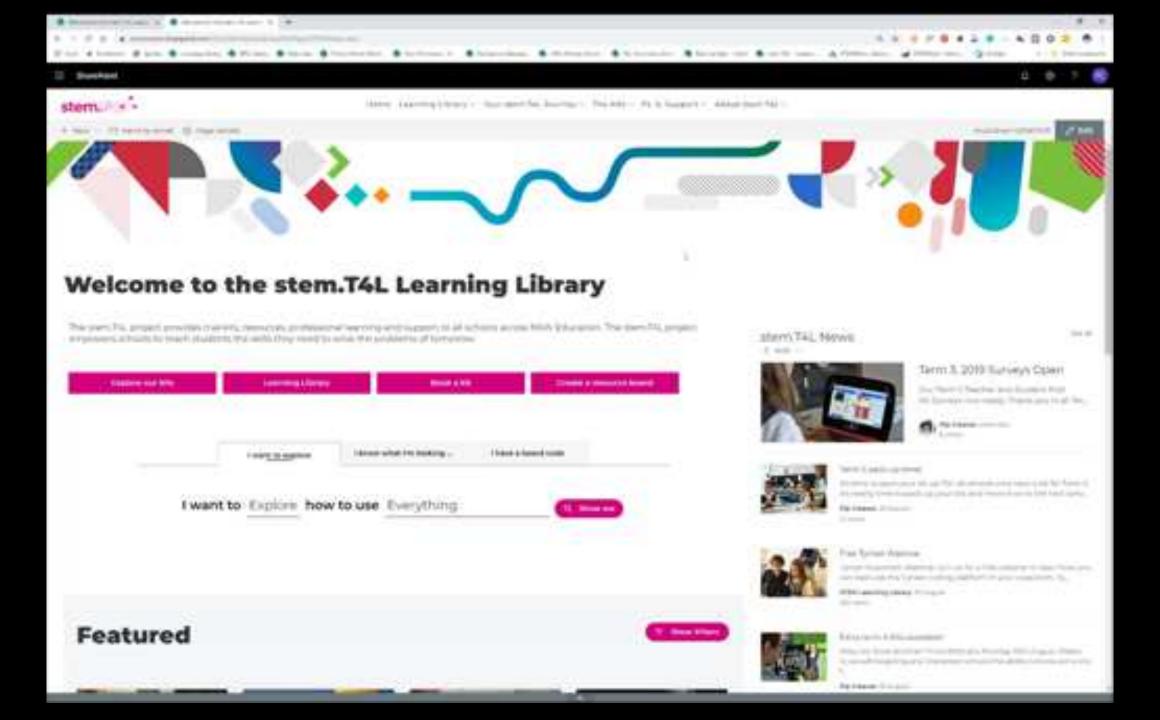
Provide help guides in plain language

Provide contextual navigation

Provide a personalised experience

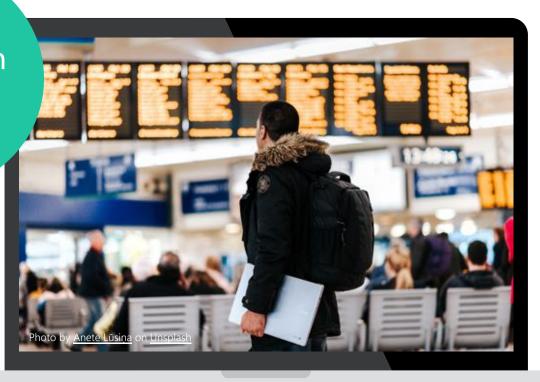
Ensure connections to other users are clear and visible







I wonder where I can find STEM stuff?



The Independent Traveller

Resilient & Resourceful. Proud of finding their own way and willingly share their experiences

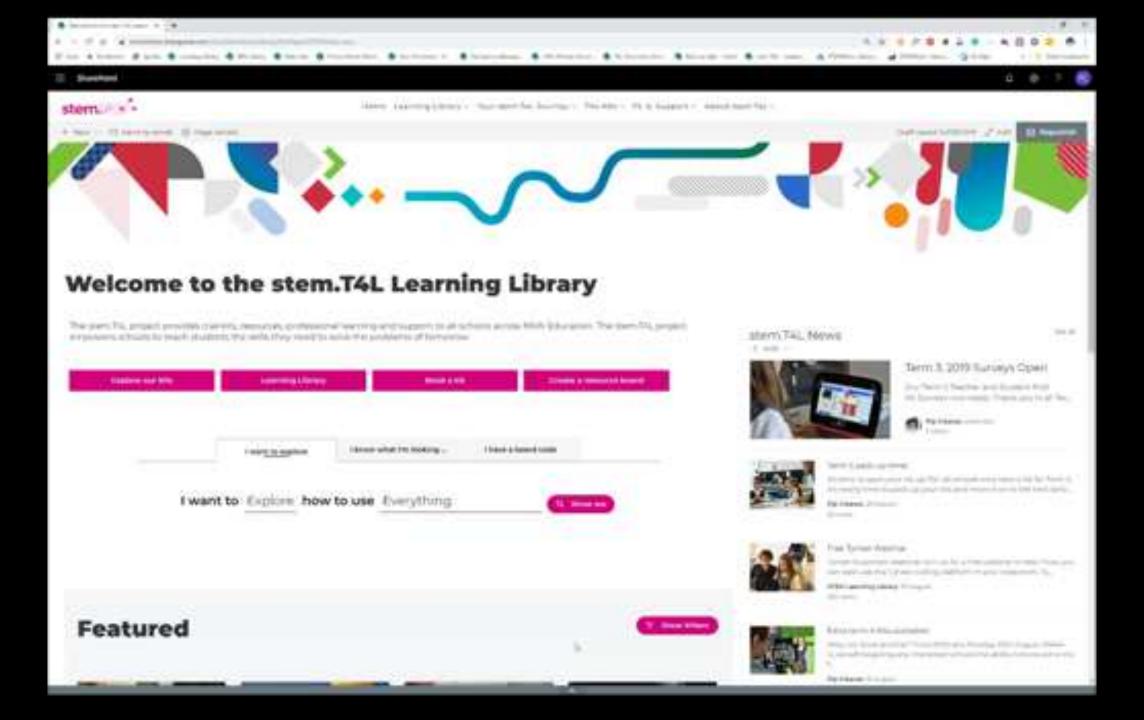
Provide online learning and self help guides

Provide online community

Provide centralised resource with helpful descriptions

Give recommendations







Check this out! Ooo, and this one too!



The Intrepid Explorer

Engaged. Breaking new ground, seeking great experiences and adventures.

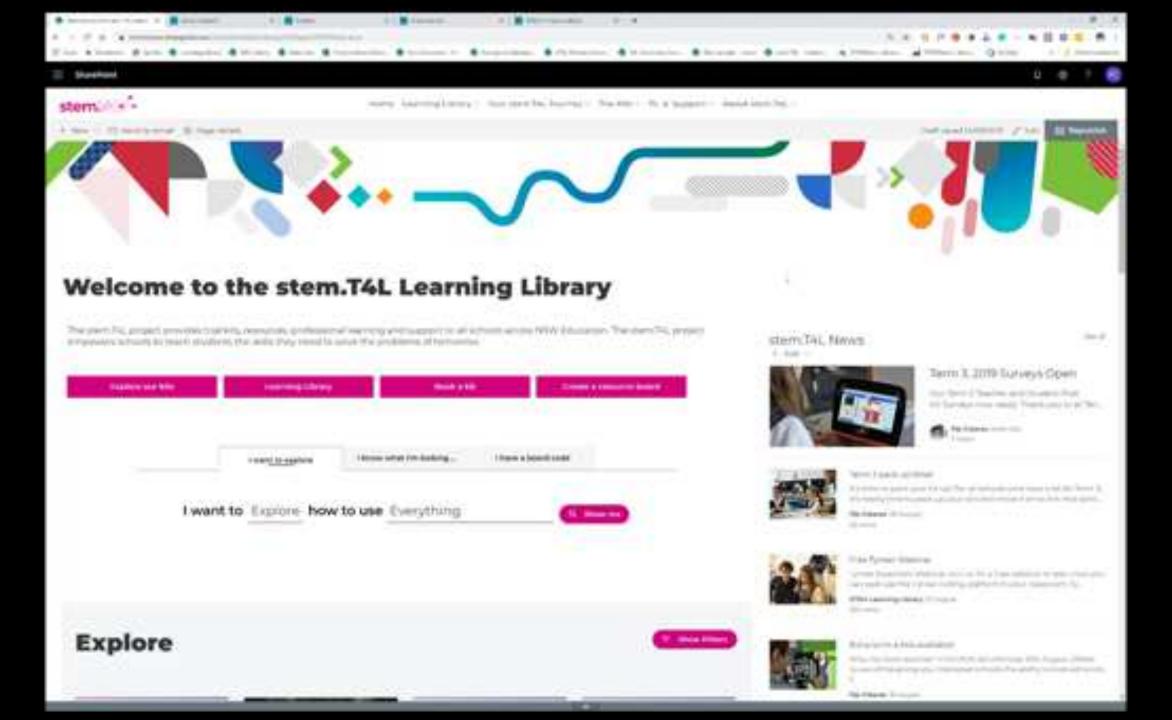
Provide self help guides

Provide connections to existing networks

Centralise commonly used resources

Give control to personalise online services

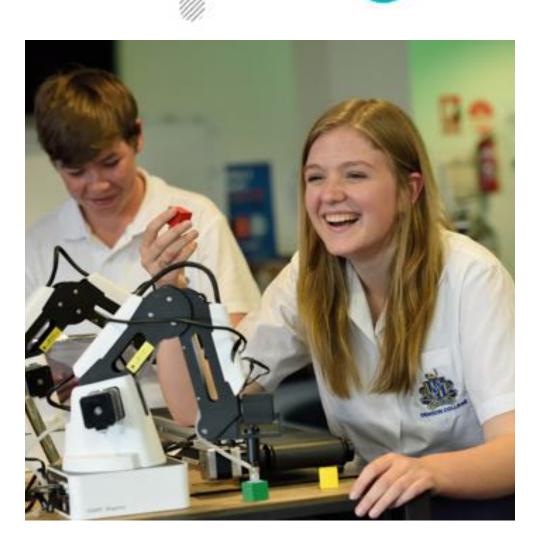




Our Partners



	Developers	UX and Design
Phase 1 and 2	sharepoint GURUS	A product and service design studio
Phase 2.5	sharepoint GURUS	STEP TWO Tracey Fong



Under the hood – The technical pieces

Under the hood





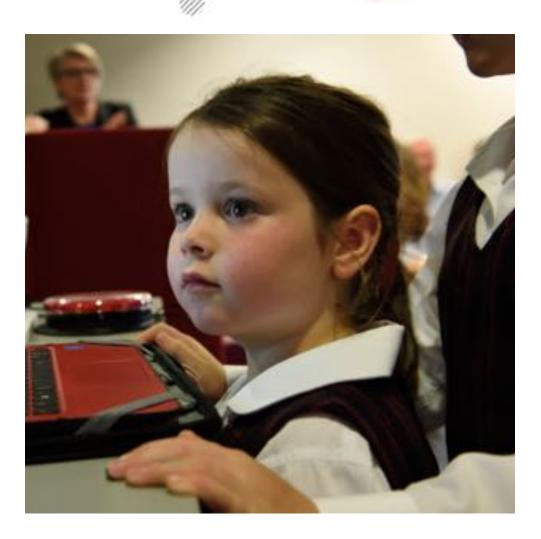
Azure
Analytics, metadata
pipeline, Language Al
tools

Valo Intranet
A skin that brought
megamenu, template sites
and search webparts to
life

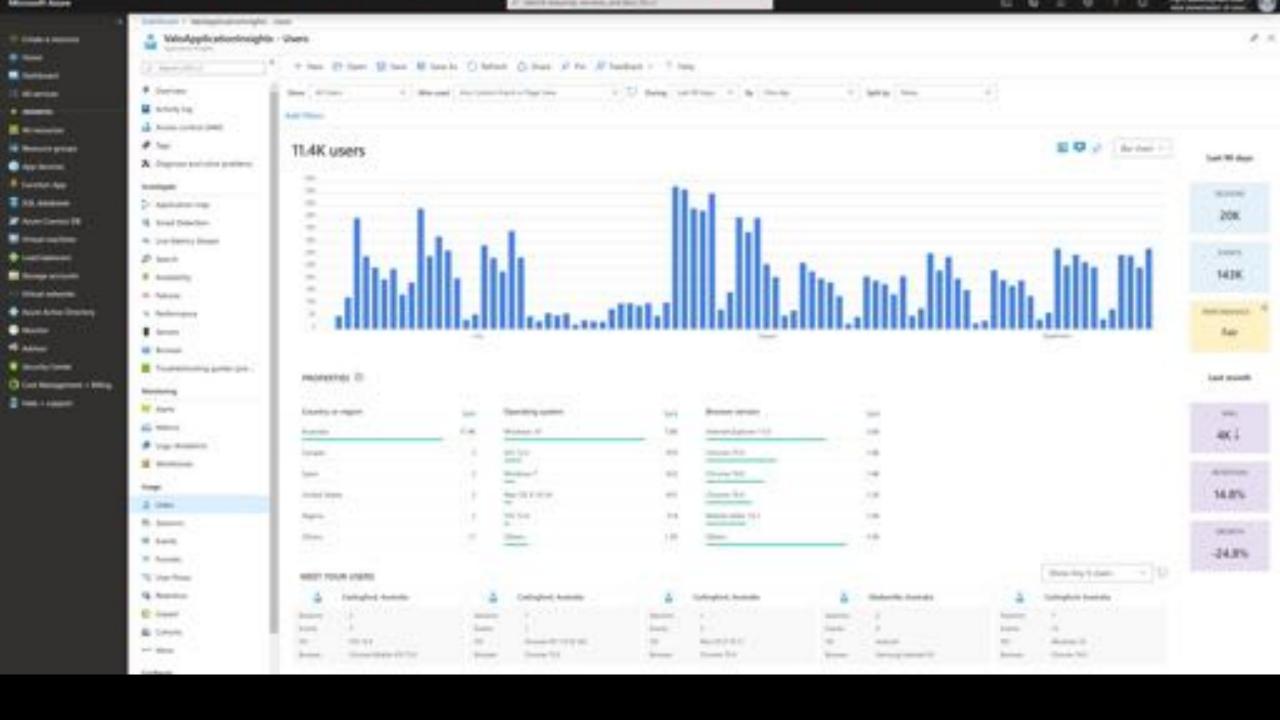


Images, social sharing, and tapping into existing educator networks and connections





Understanding the site usage with Power BI Reports



Learning Challenge Views

This shows the Page Views for Learning Challenges

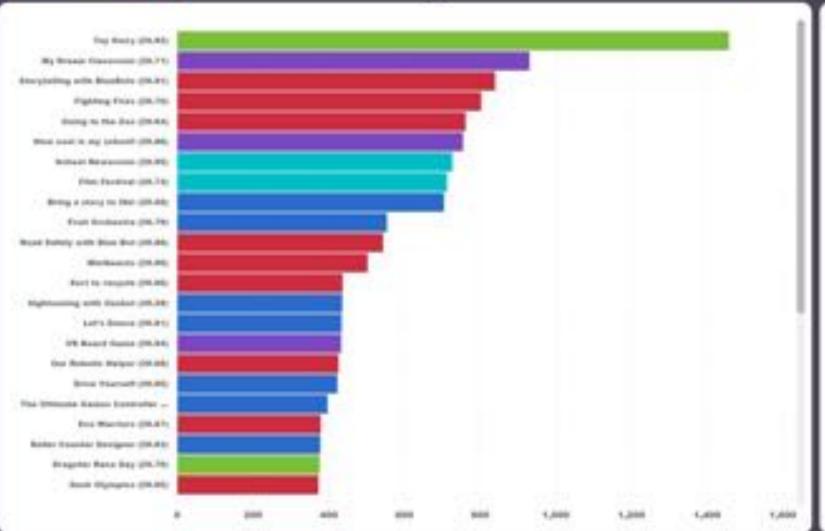


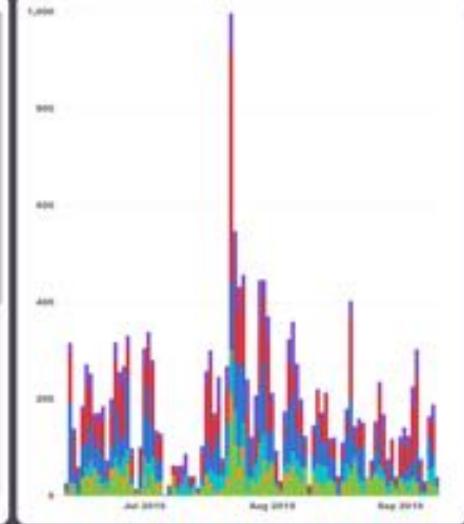




Stice by KH.

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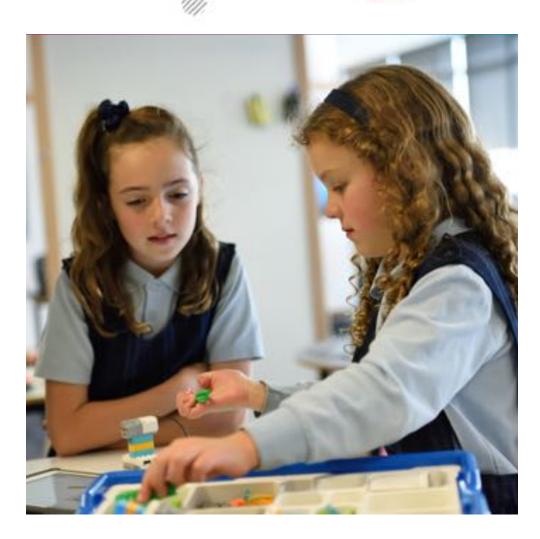


Activity on Boards and Cards

This obsides Custom Event activity on Boards and Cards

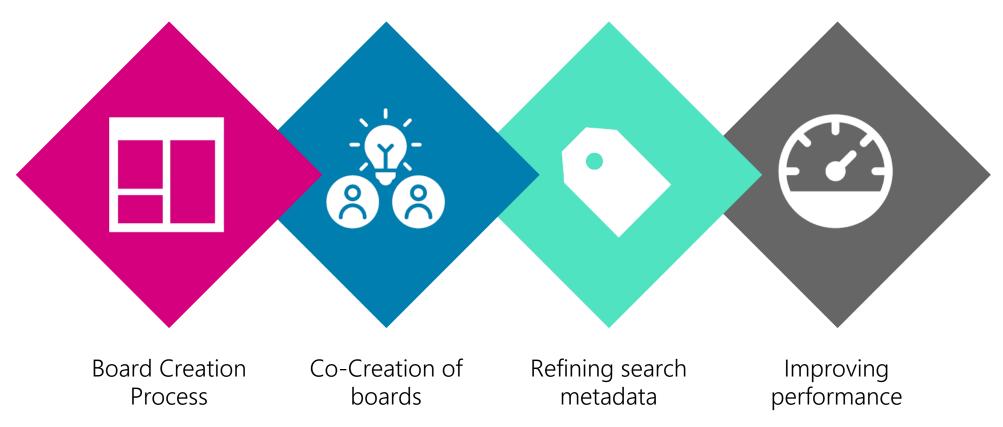




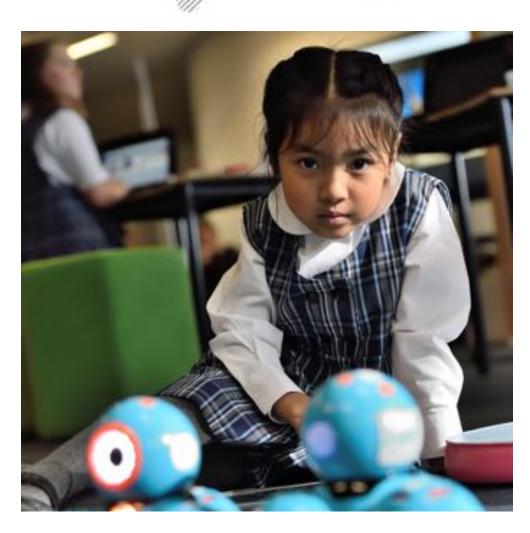


Where to now?

Tweaking UX and building capacity to collaborate







Questions?

stem.T4L Learning Library Questions



Connect Online

My twitter - @pipcleaves

My LinkedIn – Pip Cleaves

My Company – dle.net.au

stem.T4L Twitter - @stem_t4l

Stem.T4L FB Group – Stem.T4L Community

