

It Takes a Spark!

EDU Conference

Tuesday, 7 December 2021 | PERTH

2021 Theme: Building our future through STEAM

An opportunity exists for students (Year 4 to 10) and teachers to co-design and co-lead STEAM learning at the conference PLUS industry innovators and universities are invited to present.

We are looking for...

>> **Digidesign workshops (40 min):** hands-on sessions where students and teachers work together on STEAM or Entrepreneurial activities

Examples:

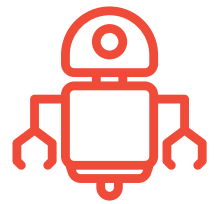
- Digital Design with Makers Empire and 3D Printing
- Machine Vision in Agriculture
- Fire Fighting with a Minecraft AI
- Amazing Native Plants
- The Elevator Pitch - An introduction to Design Thinking
- Immersive Science: Collaborative Virtual Reality in the Classroom
- The Global Goals Escape Room



>> **STEAM Expo activities (40 min):** hands-on Science, Technology, Engineering, the Arts, Math or other activities which last 5 to 15 mins and share great ideas and practice

Examples:

- Coding a LEGO maze
- Using STEM to manage agricultural pests
- Bringing Designs To Life
- Learning with Micro:bits and Makey Makey
- Data Delivering Drones
- Backyard Solar Cars



>> **Problem Solver sessions (80 min):** design challenges taking students and teachers through the design process

Examples:

- Pipeline STEM Challenge
- Design a Startup that changes the world!
- An Indigenous approach to combating climate change
- Paper Engineering
- After Disaster Strikes – Robots Rescue!



Expressions of interest to present closes 24 September 2021

MORE INFORMATION: <https://spark-educonferences.com.au/it-takes-a-spark-2021-perth/>

We invite you to get in touch with us to discuss...

Contact

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