



kai's <clan>

Adventures in <collaborative> coding



The coding revolution is taking over schools around the world, and with good reason. Coding is one of the most important skills in the modern world, and through learning it, students develop other skills like problem solving, computational thinking and teamwork.



Why use Kai's Clan?

- ✔ Collaborate across continents in real time, as if you're in the same room.
- ✔ Ease of use for teachers, with a wide selection of built-in lesson plans. Cross-curricular topics.
- ✔ Exciting features such as augmented reality and virtual reality to bring your class's coding to life like never before!
- ✔ Scratch / Blockly style coding, Javascript. Python coming soon.
- ✔ A wide range of sensors, with live sensor data sharing for STEAM activities and lessons.






With Kai's Clan, students can:

- ✔ Bring computational thinking and design thinking methodology into their lives.
- ✔ Code their own adventures, watch their robots navigate around the adventure mat and see their virtual object traverse using AR or VR.
- ✔ Visualise their code through virtual terrains where the physical and virtual tie seamlessly together.
- ✔ Collaboratively code, allowing teachers and students to code and work together.



Kai's Clan

Cross-curricular Tool Box

-  Robotics
-  Virtual Reality
-  Internet of Things
-  Augmented Reality
-  Artificial Intelligence

kai's <clan> Features



	Kai's Clan	Other	Other
Collaborative real-time cloud coding	✓	✗	✗
Adventure Mats with AR, VR & lessons	✓	✗	✗
Scratch / Blockly style & Text coding	✓	✓	✓
Over 30 Internet of Things (IoT) sensors supported	✓	✗	✗
Graphing of Internet of Things (IoT) data	✓	✗	✗
Swarm Robotics	✓	✗	✗
Share your lesson + VR + AR with other teachers	✓	✗	✗
Wi-Fi - range ± 50 meters	✓	✗	✗
Bluetooth - range ± 15 meters	✓	✓	✓
Activity Mat included	✓	✗	✗
Battery: +/- hours of use charge time	4hrs 1hr	2hrs 6hrs	1.5hrs 0.6hr



Whether you are a coding specialist or this is your first time teaching it, Kai's Clan provides you with the resources for fun, engaging and effective coding lessons.



Kai's Clan 4 Robot Start Pack

Includes: 4 x Kai robots, tripod, Rescue Run AR VR Adventure Mat, Coding Cards & Sensor pack.

Required: Smartphone and internet.

SKU: KAI-PK-4

Kai's Clan 12 Robot Classroom Pack

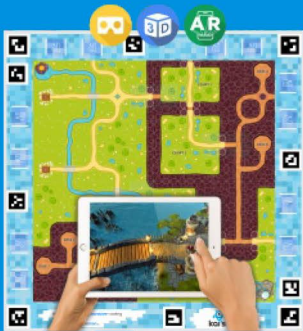
Includes: 12 x Kai robots, 2 x tripods, Coding Cards & large Sensor pack. Automated Warehouse AR VR Adventure mat + Mars Discovery AR VR Adventure mat included. Premium trolley storage case.

Required: Smartphone and internet.

SKU: KAI-PK-12



Adventure mats with Lesson Plans, 3D, AR & VR



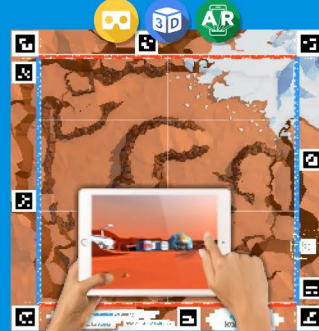
Rescue Run - with 3D, AR & VR

An exciting tower defense stylized mat for game-based learning that encourages computational & scientific thinking. Enjoy action packed activities like Capture the Flag, guaranteed to keep you on the edge of your seat!



Automated Warehouse - with 3D, AR & VR

Is buying something as simple as just one click? This mat combined with it's mixed reality 3D, AR & VR content, gives students an understanding of what goes on behind the scenes in logistics & warehousing, to get the latest gadget delivered to your door.



Mars Discovery - with 3D, AR & VR

In these exciting virtual Mars lessons, students work together in planning missions, simulating the Martian environment, graphing sensor IoT data and risk factor role play, using their rovers to traverse the virtual red planet. Includes premium 3D, AR, and VR content.



Smart City - with 3D, AR & VR

Smart cities need smart people. Included with this mat is 3D, AR & VR content that asks "what will be the impact of future cities on the people that live in them?" Use sensors, IoT and creative problem solving! Includes 'on mat' and 'outside' classroom activities.