Kai's Clan

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Kai's Clan brings a new twist to real world robotics. Not only are your robots there in front of you, fully codable and controllable via app based block coding, but they come to life simultaneously in a virtual/ augmented reality world via the Kai's Eye app. The bots can be exploring, for example, the surface of Mars on the included grid map, and at the same time as avatars on a virtual Mars on screen, bringing a new level of adventurous engagement to coding and creation.

Kai's Clan is also compatible with Minecraft, so any adventures in the Minecraft universe will be replicated by the real-world robots on the adventure mats.

Recommended Ages	Year 7-17
Product Cost	Classroom packs $1500-$6700
Where to Purchase	Headsets (without smartphone) can be purchased from most electronics stores such as https://www.teaching.com.au/home

Product Requirements

Internet access required for full functionality.

Loanable Kits

State Library has kits of this item available for loan to libraries within the Regional Libraries Queensland and Indigenous Knowledge Centres network. Libraries can place a reservation through the Aurora catalogue (availability is subject to existing reservations, loans and associated return dates).

The kits are for use by patrons within the library only, as part of supervised library programming. They will not be listed in the public online catalogue for personal reservation.

Please contact Access Services, or phone 07 3842 9014 with any queries.

Kit Contents

- 12 x Kai's Clan robots
- 1x Mars Discovery AR VR Adventure Mats
- 1x Automated Warehouse Adventure Mats

- 2x Smartphone Tripod
- 3 x 4-way USB Charging Cable
- Kai's Coding Cards Packs (16 cards each)
- Large Kai Bit Sensor Pack

Resources

Video tutorials

- Kai's Clan Quick Start Guide – tutorial video
- Kai's Clan User Interface
- Kai's Clan Blockly - Lesson 1 - Robot motion
- Kai's Clan Blockly - Lesson 2 - Mat Movement
- Kai's Clan Blockly - Lesson 3 - AI navigation
- Kai's Clan Blockly - Lesson 4 - If statements
- Kai's Clan Blockly - Lesson 5 - Loops
- Kai's Clan Blockly - Lesson 6 - Functions
- Kai's Clan Blockly - Lesson 7 - Events
- Kai's Clan Sandbox 1 - Creating robot avatars
- Kai's Clan Sandbox 2 - Loading 3D models
- Kai's Clan Sandbox 3 - Animations & Effects
- Kai's Clan Sandbox 4 - Terrain & Painting
- Kai's Clan Sandbox 5 - Speech & Sound