Code Club Aotearoa

"Grow Canterbury"

Mid Year Report

Funding Received - $10000

Funding Spent Against Budget

Activity	Budget	Spent
Project Lead	$6000	$6000
Admin Assistant	$3600	$3600
Travel	$400	$400
Total	$10000	$10000

Overview of Activities

Our goal was to build relationships with members of the education community in rural and less advantaged suburbs of Christchurch and help foster the growth of new clubs.

We undertook trips to Ashburton, Timaru, and Amuri as well as facilitating further meetings with educators within Christchurch. We have built a solid relationship with Ngai Tahu Education and are in talks to roll out Code Club's across schools associated with the tribe within Eastern Christchurch and Rangiora.

We were able to personally meet and share with every Primary and Intermediate school principal in Mid Canterbury organised through our relationship with Grow Mid Canterbury, Ashburton Council's economic development arm. Grow Mid Canterbury are assisting to promote

the rural town's first Code Club as a pilot for schools to learn from. We see this as an excellent model for sustainable growth and a unified approach to providing ongoing learn to code opportunities for regional youth.

We presented Code Club to the Principal and senior teachers of Amuri Area School and were then able to share with the entire school body about why learning to program a computer is such an important life skill. Since our presentation the school has started a very successful Code Club which is led by a teacher and 3 year 13 students. We are helping the school extend their club by developing “Farm of Things” club projects usings sensors to detect water quality in the main river in the area as it flows through multiple dairy farms. Amuri is one of 5 rural area schools in Canterbury and we hope to gain traction with the other schools in their cluster in the coming 6 months.

We spoke at the Pycon conference to encourage more volunteers in Canterbury and local IT companies to open their doors as Code Club venues.

We strengthened relationships with Christchurch City Libraries with the new library in Halswell set to host its first club session on it’s opening day in November.

In June we collaborated with Selwyn House School on Christchurch’s first community led Computer Science workshop for Primary teachers. Code Club Aotearoa provided a Keynote presentation and facilitated two learn to code workshops. The day saw over 60 teachers exposed to the fundamentals of computer science for the first time and several new schools opening clubs the following term.

Project Goals vs Actual Outcomes

Goal	Outcome
Grow the number of clubs in Canterbury to 50	We grew to 35 clubs with close to 500 students aged 9 - 12 receiving free learn to code tuition. With Ngai Tahu clubs coming on board term 4,
Build relationships with local government bodies	In the 6 months we have built solid working relationships with Canterbury Development Corporation, Grow Mid Canterbury, Aoraki Development & Tourism and Ngai Tahu
Supporting Volunteers	As we have grown this has taken on a very prominent role. Replying to volunteer questions, helping clubs get established, mentoring new helpers and attracting new volunteers has been the biggest investment in time over the 6 month period.

Conclusion

While we did not meet our goal of opening 50 clubs in Canterbury in the first 6 months we are very happy with our progress and the efforts put in to ensure Code Club Aotearoa is an established long term educational initiative in Canterbury. With the work currently underway with partnerships with the likes of Ngai Tahu we are very hopeful our club numbers will increase in the areas that need it most.

We would like to thank InternetNZ for your awesome support that has enabled our team to build the crucial relationships that give the Code Club initiative the best chance to continue to flourish.

We are excited for the next 6 months to build on top of the established network of clubs and support new centres as they offer learn to code programmes to their youth for the first time.

Kind Regards

The Code Club Team