

## **Transcription of Enterprising Australians video Solange Cunin - Cuberider**

The video for this transcript can be found on the Questacon YouTube channel at:

<https://youtu.be/3iPIMnsHP50>

### **Transcription from video:**

[Music playing in background]

Solange I grew up under the night sky, and I've obviously innately loved you know, space. I was eight years old when I asked Santa for my first telescope.

We looked back at what inspired us, my co-founder and myself and it was really space that got us into science and into technology. We were like, why don't we just use what inspired us to help inspire the rest of the nation?

Cuberider is a science education program that makes science fun and exciting so instead of going to your science classroom, you go to mission control and make your own space mission using NASA hardware.

Over a six month period, students go through an entire process. They have to go through training. They're actually learning all about the physics, they're learning about the sensors. They have to, you know, learn how to code, learn how to process data.

At the end of six months they submit their space experiment, it gets tested over in Houston, loaded up on a rocket, and sent out to the International Space Station. The astronauts unpack it, plug it all in, get it all running and going.

Some students are actually doing stuff that hasn't actually been done before. Things like measuring to see if the solar flares affect the speed of the International Space Station, or seeing if there's accumulation of radiation in little magnetic field potholes throughout Earth.

And then murals and paintings and songs that the students are creating all from space data that they've collected themselves as well.

Good science requires creativity, and it requires the artistic types to come in as well and that's when the best stuff happens, so I love seeing that happening in the classroom.

[Enterprising Australians Logo]