

Transcription of Enterprising Australians video

Lee Batey – Sealz

The video for this transcript can be found on the Questacon YouTube channel at:
<https://www.youtube.com/watch?v=u2rVu2dKDps>

Transcription from video:

[intro music]

Lee: Sealz are a pair of glasses that rapidly convert into goggles.

[Image shows a young boy putting on the Sealz goggles.]

So, for instance, if you're down at the beach and you want to go into the water and you still want to wear your sunglasses.

[Image shows Lee sitting in his workshop, talking.]

You just press the buttons and your sunglasses convert into a pair of goggles and you can go straight into the water and be able to see.

[Image shows Lee sitting on a beach, pressing a button on his goggles then running into the water.]

The initial idea came from the fact that I want to wear my sunglasses in the water, but then one day I was at the beach for quite a long time and my eyes got sore from the glare and felt like fire.

[Image shows Lee swimming through the ocean. Image shifts to an aerial shot of ocean waves. Image shifts to a man running along the beach wearing Sealz.]

So I went to hospital and they said I had sunburnt eyes so from that day on I never left my house without sunglasses on.

[Image shows Lee sitting in his workshop, talking.]

I needed something that I could wear into the water and out.

[Image shows Lee sketching a prototype of Sealz with a pencil.]

Taking it from idea to prototype, well, the first thing was I had the idea in my mind.

So I went away and I literally thought about it for weeks.

[Image shows Lee sitting in his workshop, talking.]

Didn't do anything, just stopped, I just sort of paused and just thought about it in my mind to come up with a solution.

I had my pair of sunglasses and I adapted them to seals for the water and then I just had an elastic strap which I could flick off a little catch and that sealed actually really well.

[Image shows Lee modifying his sunglasses with elastic.]

Went to this good ideas expo, so I went into the competition and I came like last.

I had this compelling urge to want to complete this job.

[Image shifts to a slideshow of digital models and sketches of the Sealz.]

I started learning about computer design.

[Image shows Lee sitting in his workshop, talking.]

I started with all the basic stuff and within six months I was doing some complex stuff and started sketching up some designs.

[Image shows a 3D model of the Sealz.]

Bought myself a 3D printer so then I had to learn to 3D print, but essentially I just used the 3D printer to get out a design or an idea really fast, and it did the job perfect because I was able to prototype a quick idea and if it worked, okay, what was the best things about it, what were the bad things about it...

[Image shows Lee using a 3D printer. Image shifts to shows Lee sitting in his workshop, talking.]

Go back to the drawing board to try to fix it and then I did that a lot, a lot of times and a lot of hours, a lot of changes.

Advice to someone who wants to build something, never give up, always pursue your idea.

[Image shows high-resolution digital models of the Sealz.]

If you really want to do something you'll learn it really quick.

[Image shows Lee sitting in his workshop, talking.]

If you don't want to do it, it's a chore and the key is enjoying what you're doing.

[Image shifts to the Enterprising Australians logo.]