



Briley and Zaiden make a shield T1W5

Briley you wanted to make a Captain America shield. Firstly I helped you to print out a picture of the shield. You too that to the Tuakana Maker Space. Cyrus was there designing as well. He helped you to put the picture onto Illustrator.

The next day Zaiden came over with me to have a look at what you are doing. I watched as Cyrus helped you to load the design onto the laptop.



Clark showing you how to adjust the lazer cutter to the correct height.



Then you put in a new piece of MDF. The lazer cutter cut a circle for you and Zaiden.



A circle is cut by the lazer cutter.



Next you took the shields to Hikuawa art space and began to paint. Zara helped you to find a picture on her device with the correct colours.

You sure made a wonderful Captain America Shield.



What learning is happening?

Firstly, you both are demonstrating the Haeata disposition of thinking and learning effectively alongside others. You both show curiosity, which leads to a design process of re-creating this shield. You had to re-think and imagine, throughout the design process from re-creating the shield and markings on Illustrator to working out how to make the handles at the back.

You are showing how to think critically and creatively. It was not easy and I saw how patient you were and how you asked kindly for help from Cyrus, Clark and other Ākonga in the Maker Space.

Other learning

Maths - measurement Level 2 - measure areas using linear whole-number scales and applying basic addition facts to standard units. We discussed the measurement units for a circle.

Technology Level 2

You are beginning to understand how to develop a plan that identifies the key stages and the resources required to complete an outcome. You experienced first hand relationships between the inputs, controlled transformations, and outputs occurring within simple technological systems.

Next steps - What other shields can you design? Can you remember each step in the design process?

What do you think?