

# Piper's perseverance and learning grit empowers her to test and refine her working theories



Piper: "I want to make a kite."

Molly: "Oh that sounds like a fabulous idea, what will you need to make a kite?"

Piper: "We will need some string, a really long piece... you find the string and I'll start making the kite."

With that Piper tinkered away in the art area and saw her plan into action, a kite design ready to be tested.

Piper: "Will it fly?"

Molly: "Shall we test it and find out?" So, off we went outside into the garden in search of the right gust of wind.

Piper: "There's not enough wind."

Molly: "Shall we look by the swings, where there are a few more trees, it might be windier there."

Piper: "Nope, it's not windy here."

Molly: "Shall we check the weather together and see if there will be more wind tomorrow... Oh, it looks like it's windier tomorrow."

Piper: "Ohh! I have an idea"

With that Piper burst off and ran inside, a few seconds later she came back with a piece of paper that she had made into a fan... "Let's make wind!" she said.

Piper tested out the paper fan, and I threw the kite into the air to see if it would take off. It didn't quite have the effect that Piper was after, but what an ingenious idea!

Molly: What else could we use to create wind? What about a big piece of cardboard?

We tested this theory out and it too didn't create enough wind.

Piper: "I know... I can go on the swing!"

With that Piper jumped on the swing, and her kite took flight!

## My thoughts on your learning...

Wow, Piper, you are such a resilient and resourceful learner! When you have a creative plan and inkling that bubbles up inside your brain, nothing can stop you. Your previous learning stories capture your growth mindset, and how you become absorbed and in the flow of learning. Today as you tinkered, theorised, and tested out your plan I saw a continuation of this learning... and I felt like I was in the presence of Rosie revere the great engineer. Piper, your perseverance and learning grit was the key driving force behind your learning today. There were many setbacks that you encountered along the way, and with each one, you



managed them through pausing, taking a breath, and thinking of a new way forward. Piper your perseverance and learning grit empowered you to test and refine your theories, to problem solve, find ingenious solutions, and explore the technological process along the way too. I wonder what other inventions we may see next?

### **How might we all stretch and nurture this learning further?**

Piper, you ooze with a love for learning and are hungry to take on lofty challenges. Being a part of a whānau and a community of learners here at Emmett St will continue to provide you with opportunities for you to share your great wisdom, skills, and experiences with others. I see a great rangatira emerging, one who has determination in their kete and who will lead others in learning. Piper, as you continue to undertake your creative plans and drive your learning forward we will continue to listen deeply to your ideas and provide you with an environment that ignites your creative urges.

Arohanui,  
Molly

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