



Wonder
Project

Rocket Challenge

Mission Brief 1: STEM roles quiz

To solve big problems with STEM, you need diverse thinkers and do-ers with lots of different skills and interests.

The best STEM rōpū bring a bunch of different people together to collaborate and draw inspiration from each other – and everyone has an important part to play!

Do you wonder which STEM role suits your skills and interests best? Take this quiz and write down the letter that matches your answer on a separate piece of paper. Then, add together the total amount of each letter you chose to find out!

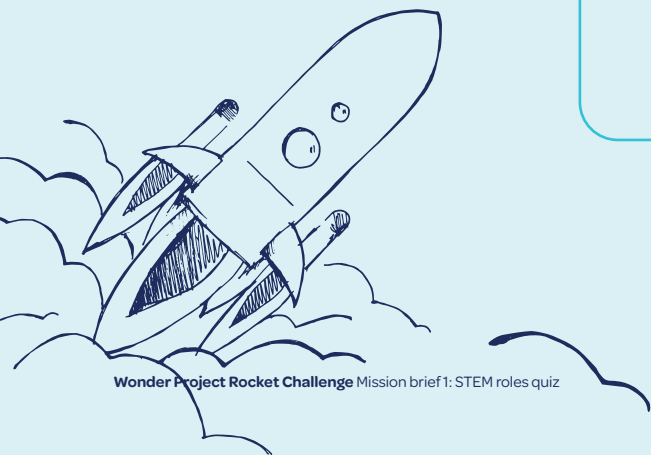
What class do you
always look forward to?

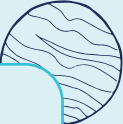
What can you be found doing on the weekend?

Which kupu
describes you best?


Which project would you
most like to work on?

You've run into a problem
that needs solving.
What do you do first?





Which one of these is your spirit animal?



If you could change one thing in the world, what would it be?

What's your 'Most Likely'?



Your STEM role:

If you got mostly As:

Science: You've got what it takes to be a top tier scientist!

You're naturally curious and enjoy understanding the world around you. You use your patience and determination to find the best solutions to some of the world's biggest problems.

If you got mostly Bs:

Technology: You're a tech savvy superstar and you don't care who knows it!

You're a born leader with a creative mind and awesome communication skills. You'll be creating things that other people have never even dreamed of. A real-life magician.

If you got mostly Cs:

Engineering: You're a dreamer and achiever, set to engineer an extraordinary future.

Thinking outside the box is how you roll. A natural problem-solver and team player, you'll imagine solutions that will change the world for the better – and make heaps of friends along the way.

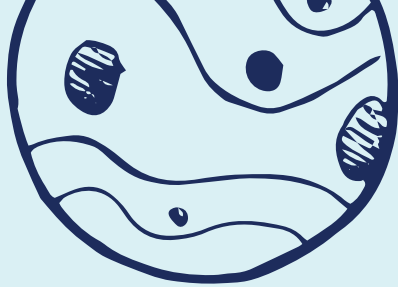
If you got mostly Ds:

Maths: You love numbers, and they love you – get ready to make a BIG difference with your skills.

You're a whizz with spotting patterns and analysing the trickiest problems. You've got a universal language up your sleeve which means you can explore the world and visit some cool countries.

If you've got a mix of everything

It's your lucky day! A lot of STEM jobs use a mix of science, technology, engineering and maths smarts which means your skills could be used anywhere. You were born to work in STEM.

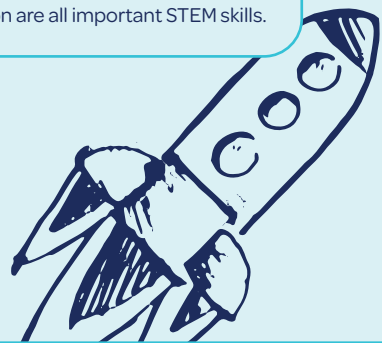


Now it's time to work out what roles you will play in the Rocket Challenge. Your quiz results may help you choose your role, or you might choose something totally different!

Remember each role is equally important.

Form your crew of 3 – 6 classmates, come up with a crew name and give out roles to each member.

If you've got more than 3 in your crew, you may have two people sharing one role. Remember – teamwork, sharing and collaboration are all important STEM skills.



Launchpad (your school):

Crew name:

Chief Scientist:

Chief Engineer:

Safety Officer:

The **Chief Scientist** will measure and record the flights as well as help pump air into the water rockets.

The **Chief Engineer** will mount the rocket on the launcher and when ready, fire the rocket.

The **Safety Officer** will ensure all spectators and crew are at least 3 metres away from the launch site. When they are sure it's safe for blast off, they will give the thumbs up to the rest of the crew to start the launch.

Mission Command

Kaiako:

Ambassador: