



TŪI ROCKET CHALLENGE

The purpose of the **Tūi ROCKET Challenge** is:

- To recognise the learning you already do outside of school, and to encourage you to extend yourself in these areas
- To challenge you to try new things
- To encourage you to contribute to your family, school and community
- To enable you to discover, develop and showcase your talents

Select from the following challenges and share your evidence with your teacher. Challenge yourself with how you present each **ROCKET** challenge. It could be a presentation to your class, poster, song, recount, booklet, diary, short video, Google Slides, PicCollage...

As you complete each challenge tick it on this booklet, collate your evidence, get it checked and ticked off by your parent. Bring the evidence to school to get it signed off. There is a comment line for your parents or caregiver to tell us a bit more about your learning if they want to.

Discuss any questions with your teacher. Before you start a "Design your own Challenge"- check that your challenge will meet the expectations.

But most importantly, remember that the learning you do as you work through the challenges is the most important part. We expect that you have completed the process of the challenge to the highest level you can.

All challenges need to be started in 2020, completed and checked by **Week 6 of Term 4**.

There is an expectation that challenges will be completed over the year e.g. 1-2 challenges a term.

We are looking forward to seeing your learning!



ROCKET AWARD



4 challenges = BRONZE



6 challenges = SILVER



8 challenges = GOLD

RESILIENCE

- R1:** Compete in the Northern or Interzone. How did you train for this event? What can you find out about the history of this sport or event? Find out about someone who has been successful in this event.
- R2:** Be a reporter for an event you attend outside of school and present your findings e.g. Matariki, X-race, Street Fair, Ngaio Community Picnic...
- R3:** Improve your fitness. Over four weeks keep a record of distances, times, and pulse rates. Look at ways you can record distance over time (fitbit, stopwatch, your phone). Link this to a personal goal for school cross country or your sport e.g. swimming distances/times.
- R4:** Explore the outdoors with a group or your family. Plan where you will go and what you need to take. Look at maps, terrain, weather conditions and fitness levels for all involved. Walks may be local Mt Kaukau, Belmont Regional Park, Brooklyn Turbine, Orongorongo Valley. As part of this challenge you may decide to find out and teach others about the content of a first-aid kit, or signs/symptoms of hyperthermia.
- R5:** Participate in Round the Bays, Kiwi Kids Triathlon, Open Ocean Swim or similar. Keep a record of your training schedule, record the distances/times you are completing. Set personal goals and present them to others after completion.
- R6:** As part of camp, pack your own bag using the kit list provided. Make sure your clothes are all named and you know what you need. As part of this activity investigate what specific materials are used and why e.g. cotton, wool, waterproof, grip of walking shoes... Present what you have learnt about that material to others.
- R7:** As part of Pedal Ready, you will be required to bike on the road. Check your bike over with a suitable adult to ensure it is safe. Ask questions of key people checking your bike to learn what is needed. E.g. brakes, oil on chain, height of seat etc. Plan a short ride with a family member to make sure you are stable and confident on your bike. Participate in the Pedal Ready programme and then ride with a family member on the road to show your confidence and skills. Record what you have learnt using a journal, or digital presentation.
- R8:** Walk or run 5km. Draw a map of the route you took and label all features.
- R9:** Push your fitness to the limits to do a 2 x 30 kilometre road ride over the weekend or a 2 x 10 kilometre kayak. Draw a map of the route you took and label all features.
- R10:** Design your own challenge to demonstrate resilience.

OPEN-MINDED

- O1:** Design a track or an obstacle course. Investigate what objects you could use (size, shape, properties) and think about what key fundamentals (balance, jump, landing, swing) it could have. Draw a diagram or go that extra step and make the track or obstacle course in your backyard.
- O2:** Design and make a board game that shows your knowledge about a subject, book or movie of interest to you.
- O3:** Achieve a personal goal within a craft that you are currently learning e.g. dance recital, crochet, piano, pottery... Provide details about your progress or achievement.
- O4:** Design and create clothing, toys or decoration. Take and label photos as you create your masterpiece.
- O5:** Learn a new skill, sport or join a club e.g. cubs, scouts, miniball, trampolining, BMX riding. Present research and share personal goals or challenges you may have faced. Think about how you might present this to others. For example, you might present this to younger children or to a small group of other children interested in your club.
- O6:** Write and record a song, collection of poems, play or short novel.
- O7:** Design and make an object to improve the way we live.
- O8:** Challenge yourself to read three or more novels in one term. You can use silent reading time in class along with free time at home.
- O9:** Design your own challenge. Think outside the box.

CURIOSITY

- C1:** Take inspiration from an artist and base an artwork on their style.
- C2:** Design a machine and label it or find out how something works e.g. toaster, laminator...?
- C3:** Improve your study skills and research a native plant or animal in your local area. Present your findings to others.
- C4:** Contact your local council or member of parliament to ask questions or present your ideas on a local or national issue.
- C5:** Learn a new language and teach a friend some words or phrases.
- C6:** Design and carry out science experiments. Share your findings and conclusions.
- C7:** Design a model of an historical building in history. Find out who designed it, when it was built and the materials used.
- C8:** What is your design passion? If it's a sport design, consider designing an aerodynamic bike or extra thrust running shoes for extra speed. If it's the environment consider designing an eco-friendly treehouse that has special features. Your design needs to have a plan and explanation about the important features. Remember to reference any sources you used for ideas.
- C9:** Find out about how products are marketed or advertised for consumers. Create a product and advertise it e.g. poster, advertisement, short promotional video. Think about designing a logo for your product.
- C10:** Research a topic you are interested in and present your findings. Remember to write the information you find into your own words and reference where the information came from.
- C11:** Choose a topic and research it without using the internet. What can you find out from going to places like museums, asking experts, books, pamphlets, letters...
- C12:** Design your own challenge to show your curiosity.

KINDNESS

- K1:** Make a gift for someone and explain why they deserve it.
- K2:** Create a picture book that you will give to the library or to someone. Create a storyboard to plan ideas. Design pictures and draft the text. Create your book on paper or digitally.
- K3:** Raise money for a charity outside of school fundraising events e.g. garage sale, lemonade stall. Find out about the charity and how the money will be used.
- K4:** Give to your family by designing and preparing a meal. Provide recipes, photos, family reviews, and a menu.
- K5:** Gather unwanted items around your house e.g. toys, books, clothing and give to worthy recipients. Find out about how the items will help others.
- K6:** Clean up the environment by picking up litter on the beach. What types of litter did you find? How much litter was gathered? Find out about the damage litter can cause in our waterways.
- K7:** Raise money to purchase items for the foodbank. How did you raise the money? What can you find out about the foodbank?
- K8:** Help around the house: weed the garden, do the dishes, fold laundry, look after younger siblings, change bed linen, tidy up cupboards and drawers. Take before and after photos and write about the difference you made.
- K9:** Design your own challenge to show your kindness.

EMPATHY

- E1:** Give your time. Arrange to visit an elderly neighbour to help with housework, spend time playing cards or being company to talk about past and present things. While you spend time with them, learn about their family or past. Perhaps make a t-chart of past to present similarities/differences. Record your experiences using writing, photos or a video.
- E2:** Contact a local agency/community trust to see if you could assist in any way. For example, you could volunteer with a parent for marshalling, or help collect for a charity on a weekend, or help run an activity at a local kindy with a support person. This will require you to talk with your family, contact people in person and plan visits. This could be done with a friend and presented together.

- E3:** Complete errands for an elderly friend, family member or neighbour e.g. sort their recycling, go supermarket shopping for them. Present how you helped this person.
- E4:** Find out about someone who has made a difference to others and present your findings creatively.
- E5:** Design your own challenge to demonstrate your empathy.

TRUSTWORTHY

- T1:** Plant some vegetables and look after them. Measure their growth and find out about how to care for them. Once the vegetables have grown, use them to make a meal. Include photos and captions.
- T2:** As a Road Patroller, keep notes of your duties. Investigate how Road Patrols have developed in New Zealand over the past 10 years. Keep a journal of how you have found each week. This could include how you had to deal with some children and parents who may not have listened or needed to be reminded of safety around roads. Investigate accidents involving roads/children and share the statistics with others.
- T3:** Offer to take responsibility for the care of a pet of someone you know e.g. feed it, walk it, play with it. Keep a log of what you have done.
- T4:** Find out about the role of the emergency services e.g. what happens when you ring 111? What do firefighters do when they are not fighting fires?
- T5:** Volunteer to help look after younger siblings or family friends e.g. play games with them to entertain them. What were the challenges involved? Were there any funny moments?
- T6:** Design your own challenge.

ROCKET CHALLENGES COMPLETED:

CHALLENGE CODE	PARENT AND TEACHERS COMMENTS	HOW DID YOU PRESENT? E.G. GOOGLE SLIDES...	ROCKET LEVEL	TEACHER INITIAL
				
				
				
				
				
				
				
				