FUTURETHINK

YOUTH SUMMIT

Teacher Toolkit

Brought to you by

PORT MACQUARIE HASTINGS COUNCIL

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Think 2050
Creating our future together

About this Toolkit

FUTUREthink Youth Summits, held virtually in September 2020, formed a part of our wider community engagement for our Community Strategic Plan, Think 2050. Over 120 students participated via Zoom link in a half day virtual summit to explore key themes and big ideas as we plan into our future. This toolkit has been created to continue conversations into your classrooms around the big ideas your students may have about our community's future, as well as develop valuable 21st century skills in creativity, curiosity, active citizenship and design thinking.

The first section of this pack includes some general design thinking resources you can use along with the rest of this pack, or as stand alone activities for your classroom. The second part of this pack is a student workbook, with links to the three keynote speakers who contributed their own big ideas in our Summits, and some prompt questions and activities around their talks, as well as an opportunity for them to develop their own 2050 big idea. These worksheets mimic some of the activities completed in the live summits.

We've designed the pack with flexibility in mind. Whether you're planning a half day incursion with your students, using in bite-sized pieces as a morning activation activity over a series of days or weeks, or simply making the resources available to any students keen to explore on their own, we hope you find them useful in engaging your students in thinking around community, civics and citizenship.

We'd love to hear the big ideas your young people develop in the process of participating in the activities within this pack, so please feel free to forward any of their completed worksheets, designs or other responses to our education team at **education@pmhc.nsw.gov.au.**

We hope this pack inspires excitement, curiosity and creativity as you and your students dream our future alive!

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Design Thinking Resources

Keen to activate some big thinking and creativity in your classroom?
Here are some resources and activity ideas to introduce and play with design thinking processes and principles.

What Is Design Thinking and Why Use It in the Classroom?
New to design thinking? Check out this clip by Edutopia to gain insight into the what and why of design thinking at school:
https://www.youtube.com/watch?v=kfBa2AdjRB4&t=13s

IDEO Design Thinking for Educator's Toolkit
IDEO, a global leader in the design thinking space, offers a free toolkit and workbook for teachers:
https://designthinking.ideo.com/resources/design-thinking-for-educators

Stanford D.School Resources
Stanford University's D.School provides excellent resources for all ages to explore design thinking in meaningful ways:
https://dschool.stanford.edu/resources

A Better Way to Brainstorm
In this clip, Professor John Spencer shares his top tips in ensuring effective brainstorming in the classroom:
https://youtu.be/GLpZ6RZHyoM

IDEO's Brainstorming Tips and Activities
Again, IDEO share fantastic resources on how to promote creativity and big thinking through effective brainstorming
https://www.ideou.com/pages/brainstorming

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FUTURETHINK
Student Workbook

Sustainability

Rhiannon Simmonds
Climate Activist & Co-Founder of Rhi Rebellion

Watch: Keynote Video Link - https://vimeo.com/456395256/725ff004ae

Rhi's Big Idea:
To become a carbon-neutral community

What is a carbon footprint?
Rhi's big idea is to become a carbon-neutral community by 2050. To do this, we all need to work on reducing our carbon footprint. But what is that?
A carbon footprint is the amount of greenhouse gases (mainly carbon dioxide) emitted by someone (a person's activities) or something (a product's manufacture & transport).

Simple Ways to Reduce Your Carbon Footprint
Watch: Video link - https://vimeo.com/456450718/e2843dbfca

How else can we reduce our carbon footprint? Jot down your ideas below:

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Your Carbon Neutral Street

In the space below, or on your own piece of paper, draw or design in any way you want to, what your 'carbon neutral' street would look like in 2050.
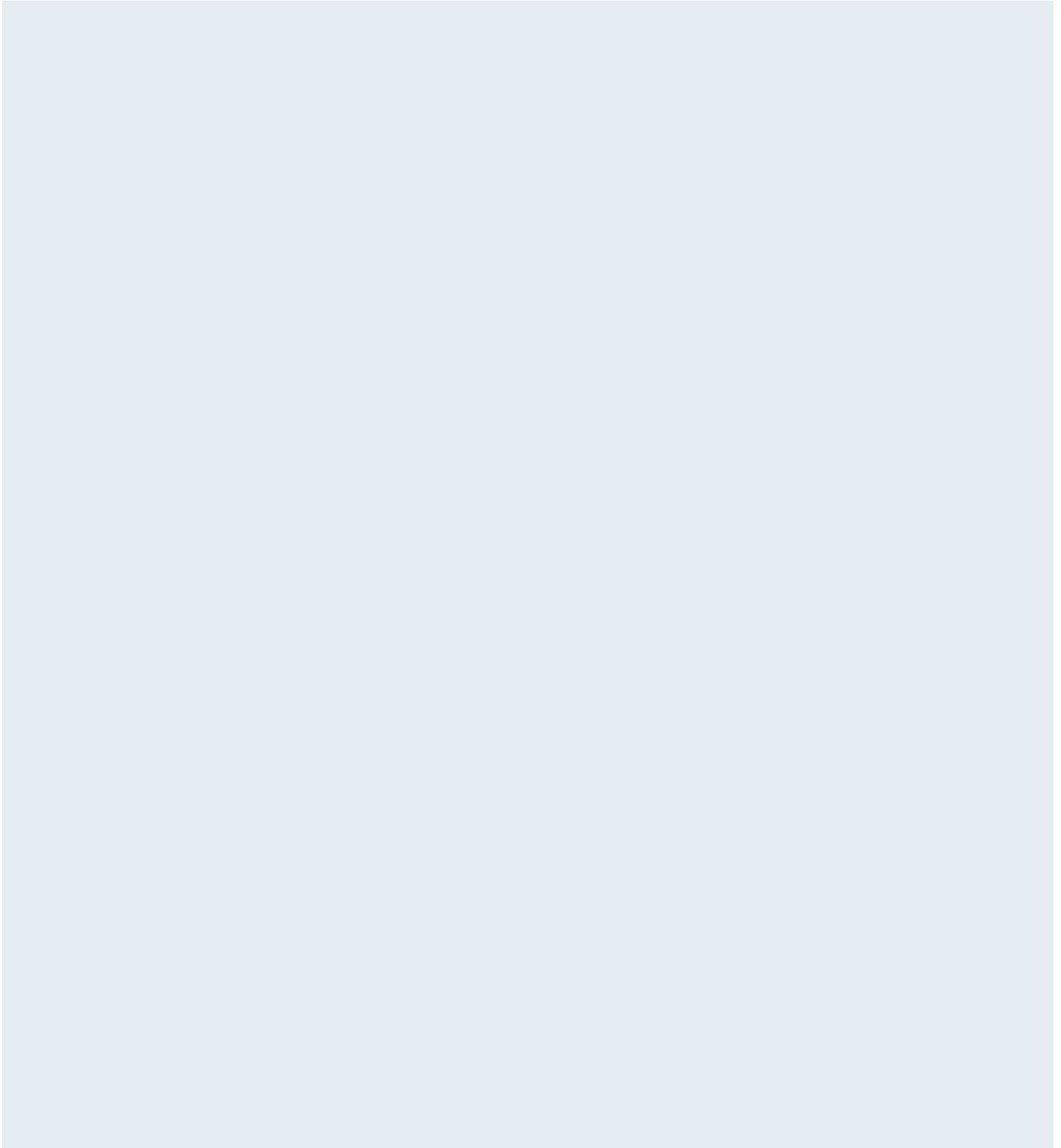
Connection

Lloyd Godson
Educator, Co-Founder of The Nature School
Guinness Book of Record Holding Aquanaut
Australian Geographic Adventurer of the Year

Watch: Keynote Video Link - https://vimeo.com/456753924/99f790690d

Lloyd's Big Idea:
Our community is genuinely connected to people and nature

"Yes, And..." Connection Brainstorming:
Group brainstorming can be a little tricky when people's ideas clash. It's tempting to consider all the things that could go wrong or wouldn't work with an idea, which leads to blocking what might otherwise end up becoming a good idea. A simple trick to avoid this is to play the game, 'Yes, And...'. In this game, participants aren't allowed to use the word, 'but', and instead must add to ideas given by using the phrase, 'yes, and...' then adding their new idea. All ideas should be captured, regardless of whether or not they might be real or possible - because in brainstorming, there's no such thing as a bad idea!

Your Turn! The 'Yes, And...' group brainstorming game:
Thinking about all the ways Lloyd discussed connection, have a go at playing the 'Yes, And...' game in a group around the question:

'How might we foster connection with people and nature, to make our community better?'

Be sure to assign the job of 'scribe' to someone so that you capture all the great ideas!

What Does Connection Look Like to You in 2050?

Now that your group has brainstormed up some big ideas around connection, use the space below to capture your own ideas on what connection might look like to you in 2050 in our region.

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Creativity

Bryony Anderson
Creative Director of One Off Makery

Watch: Keynote Video Link - https://vimeo.com/456751245/47b0419659

Bryony's Big Idea:
We can use creativity to design meaningful spaces

Design Your New Space Alive!
What's your favourite space or place in the Port Macquarie Hastings region and how might you improve it to make it an ideal space? Let's start with a quick brainstorm! Choose a space or place and create a mind map of all the ways you can think of to make improvements. Remember Bryony's advice that no idea is bad and no idea is precious, so write or draw them all down!

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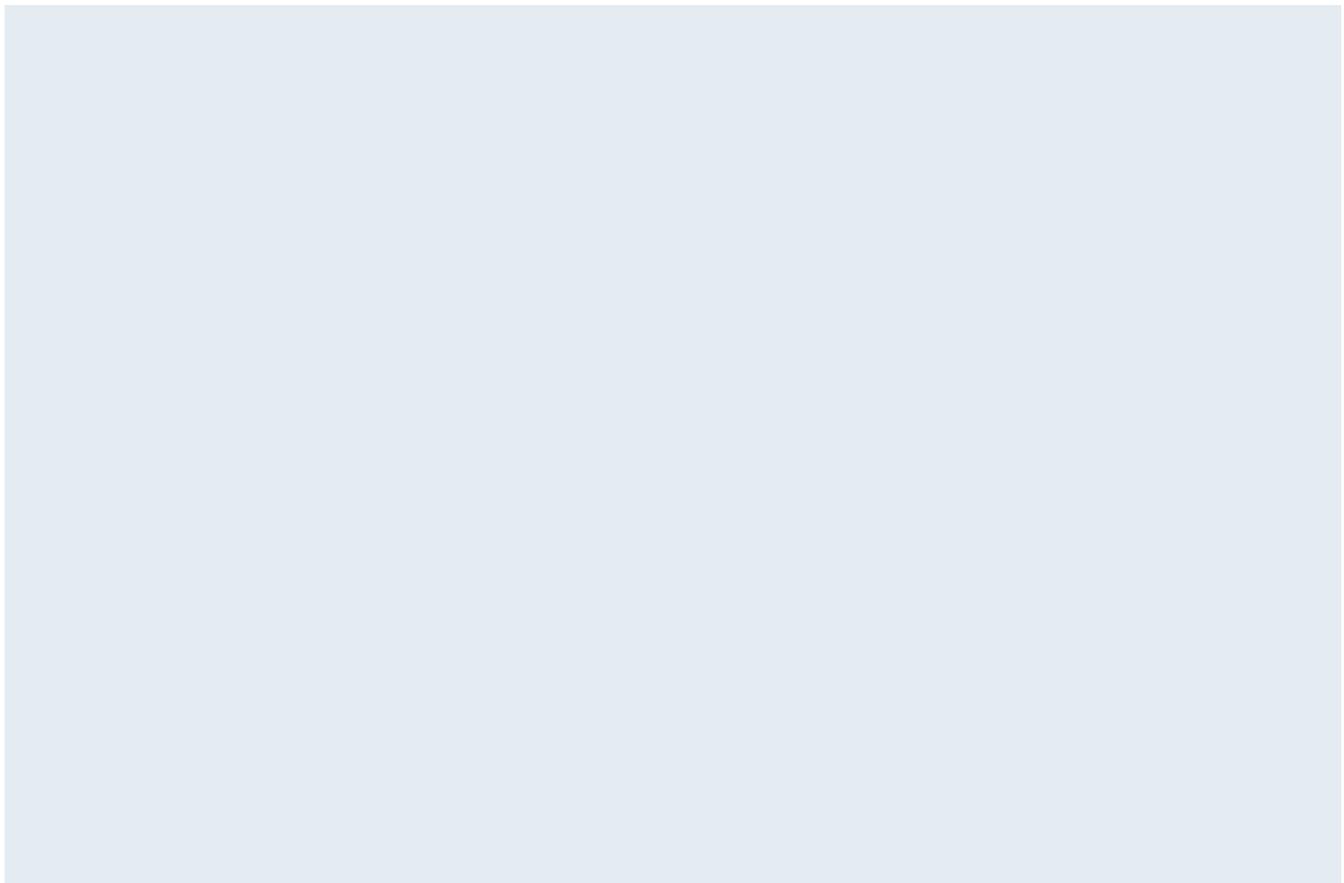
Design Your Ideal Space Alive!

It's time to get creative! You can use the space below or, even better, grab some building blocks, craft tools or even clean recycled materials and build a 3D model of your space or place. Be sure to explain your idea, including the name of the space or place, your creative improvements and how it will be an ideal space in the year 2050!
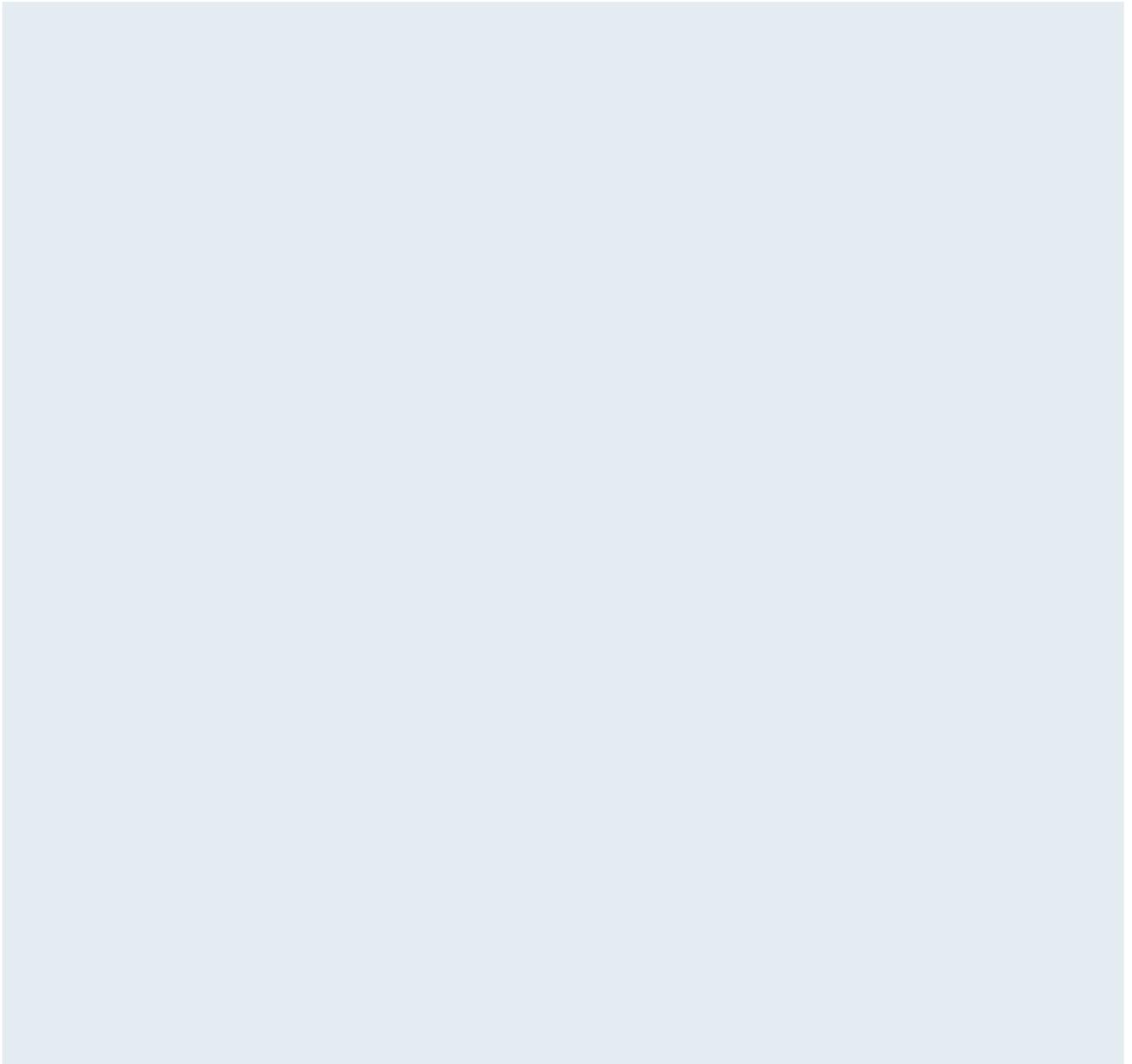
Your Big Idea

So far, we've explored some big ideas for our future around the topics of sustainability, connection and creativity. Now it's time to consider your very own big idea!

Keen for some inspiration?
Check out the big ideas for our future from the students who participated in our live Summits:

Video link: https://www.youtube.com/watch?v=PcgosbFkiOA

Use the space below to brainstorm some big ideas you have:

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Your Big Idea

Get those building blocks and craft supplies back out again!
Take a look over your brainstorm and choose your favourite to bring to life.
Use whatever materials you have access to (building blocks, playdough, recycled materials or craft supplies) to build a prototype (a rough mini version of your idea) then use the space below to sketch it up and describe it. Be sure to give it a name and explain why it will make our community better by 2050.

Have Your Say...

Thinking about the future of our region, use the space below to capture any other ideas or thoughts you might have. Keen to have your ideas heard by our local Council? Be sure to share them with your teacher, who can forward them on to be included in our future planning process, the Community Strategic Plan - Think2050. For more information about how we plan for the future, visit pmhc.nsw.gov.au/Community-Culture

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