



Future Problem Solving Program Australia 2021 National Finals

Manifesto for Children

Don't be afraid to fall in love with something and pursue it with intensity.

Know, understand, take pride in, practise, develop, use, exploit and enjoy your greatest strengths.

Learn to free yourself from the expectations of others and to walk away from the games they impose on you.

Free yourself to play your own game.

Find a great teacher or mentor who will help you.

Don't waste energy trying to be well-rounded.

Do what you love and can do well.

Learn the skills of interdependence.

E. Paul Torrance
founder of
Future Problem Solving Program International

Welcome

Welcome to the thirty-second National Finals of Future Problem Solving Program Australia.

As we draw near to our second year of the pandemic, I send my congratulations and admiration to all our Future Problem Solving students for showing so much resilience and perseverance in staying committed to their education and engaging with the program during another disruptive year. Receiving an invitation to compete in the National Finals is a huge achievement and one that both you, our students, and coaches should be very proud.

To our FPS students – adults learning about the Future Problem Solving program are often surprised at the difficulty and rigour of the competitions offered by Future Problem Solving. They are equally impressed with the high level of creativity and critical thinking we expect from you, especially those in grades five and six. Regardless of the outcomes of the National Finals competitions, you should be very proud that you have mastered a framework that many adults find challenging.

Involvement in Future Problem Solving is life-changing. First, you will find the skills you are learning are transferable to your other subjects, your tertiary education, and beyond. Then, when it is time for you to join the workforce, you will find yourself using the skills of collaboration and, critical, creative, and futuristic thinking daily.

The mission of Future Problem Solving is to teach young people, such as yourselves, to develop positive futures. This means we hope you become 'agents of change', and you use the six-step process to create solutions that others may not even imagine, to make the world we live in a better place for all.

I would like to take this opportunity to acknowledge our dedicated teachers and FPS coaches. We recognise how demanding the past two years have been. We know that you go over and above to ensure students can participate in and enjoy programs such as ours. We send our heartfelt thanks for your enthusiasm and commitment.

We sincerely hope you enjoy the 2021 National Finals and wish all of you good luck with the competition.

Suzanne Digby,
National Director

Message from the Prime Minister



PRIME MINISTER

MESSAGE FROM THE PRIME MINISTER

FUTURE PROBLEM SOLVING PROGRAM AUSTRALIA NATIONAL FINALS 2021

Congratulations and good luck to all the young Australians gathering, in person and online, to compete in the Future Problem Solving Program Australia National Finals.

Our times remind us that we are all required to adapt, change and meet the unexpected.

The ability to collaborate, listen, interpret data and be creative are vital in a time of unprecedented challenge. These are the skills you are developing in the Future Problem Solving Program.

I congratulate all of the participants in these National Finals as well as recognise the teachers, mentors and parents who have helped you prepare.

You've worked so hard to get here, and your invitation to these finals show you have the skills it takes to be part of the next generation of Australian leaders.

There are many problems to solve too. You're already thinking about some of the big challenges we face — like health and technology, our global economy, climate change and the environment — the same challenges that leaders here in Australia and around the world are thinking about too.

While we don't know all the answers, we do know that the best way to tackle any challenge is to face it together. By coming together, as communities of thinkers and communicators, learners and listeners, there's no problem too big that we can't solve.

Congratulations on what you have achieved so far.

A handwritten signature in blue ink, appearing to read 'Scott Morrison'.

The Hon Scott Morrison MP
Prime Minister of Australia

October 2021

GLOBAL ISSUES PROBLEM SOLVING

Central West Leadership Academy, NSW

Coach: Mandi Randell

Middle Division: Carrigan Baker, Noah Randell, Imogen Bassett, Finn Randell

Christian Brothers' High School Lewisham, NSW

Coach: Mandi Randell

Senior Division: Michael Prioste, Michael Anthony, Jordan Mavroidis, Daniel Fortini

Covenant Christian School, NSW

Coach: Amanda Drain

Junior Division: Lily Knocker, Katelyn Dunn, Isy McCausland, Christabel Yew

Junior Division: Bea Robertson, Kevin Kim, Maddie Tripet, Hannah Cheng

Middle Division: Violet Smithies, Ellie Tong, David Walker, Zachary Jang

Middle Division: Carys Turvey, Peter Burrell, Jannik McErlane, Kari Staj

Middle Division: Christian Tripet, Matthew Stewart, Amy Ngo, Jessica Madden

Illawarra Christian School, NSW

Coach: Simone Brown

Junior Division: Magnolia Finley, Alice Took, Ellie Weeks, Elijah Hutt

Middle Division: Melody Brown, Madison Healey, Benjamin Gregory, Abbey Plaege

Middle Division: Zoe Fahey, Elisha Otto, Rick Cui, Johny Antony

Middle Division: Ava Green, Ella Story, Jayda Brain, Rosie Finley

Kambala, NSW

Coach: Anna Messariti

Middle Division: Emma Janes

Middle Division: Ansalee Desai, Laila Duchen, Grace Hyder, Sarah Ong

Middle Division: Sasha Laragy, Sophie Regan, Grace Zhang, Lisa Wang

Senior Division: Lynna Chen

Senior Division: Vanessa Lin, Sophie Li, Alyssa Yue, Victoria Tsoi

Senior Division: Neve O'Neil, Annabel Cox, Sofia Kooner, Soraya Chen

GLOBAL ISSUES PROBLEM SOLVING

Kambala, NSW

Coach: Alice Duthie

Middle Division: Heidi Gerber, Abby Friderich, Erin Dunn, Temple Grant-Klar

Senior Division: Ariella Charalambous, Monique Bathgate, Nawal O'Neil, Jessica Radvin

Coach: Katherine Tsingos

Middle Division: Sarah Wang, Alana Zhou, Kya Wilkinson, Evangeline Chu

Middle Division: Charlotte Field, Adelaide Sendlenski, Ella Correa, Gaia Goding

Senior Division: Allegra McGivern, Zoe Dyson, Darcie Shaw, Verona Bates

Knox Grammar School, NSW

Coach: Ben Bradshaw

Middle Division: Anthony Law, Derek Liu, Henry Mahendran, Luke Marks

Middle Division: Christopher Chan, Benjamin Se, William Turnbull, Thomas Yu

Senior Division: Anlong Guo, Ryan Xia, Oliver Chen, Edmond Wu

Loreto Kirribilli, NSW

Coach: Gisella D'Angelo

Middle Division: Jessica Lund

Senior Division: Lucy Hui, Meckenzie Lai, Claudia Lenzner, Beth Lonie

Senior Division: Cordelia Morton, Imogen Wills, Lydia Colla, Hannah Merlin

Loreto Normanhurst, NSW

Coach: Robyn Roffey

Middle Division: Avery Benbow, Kayla McKeown, Josephine Egan, Lauren Meaney

Middle Division: Natalia Barone, Alexis Taylor, Yvette Alford, Olivia Lee-Jackson

Middle Division: Olivia Kent, Ruby Harrison, Lily Sorensen, Shania Pimenta

Middle Division: Shania Pimenta

St Catherine's School, NSW

Coach: Catherine Morrissey

Junior Division: Eva Steed, Amelie Boss, Grace Bray, Claudia Dive

Junior Division: Isabella Legge, Rediva Chan, Hanna Weber Hernandez, Isabella Ooi

GLOBAL ISSUES PROBLEM SOLVING

St Patrick's College, NSW

Coach: Janine Timillero

Middle Division: Luke Sultana, Thomas Coorey, Jeremy Simonetto, Daniel DePasquale

Tara Anglican School for Girls, NSW

Coach: Jane Wong

Middle Division: Bernice Tsang, Alison Song, Alix Bandiera-Dunn, Joohee Um

Senior Division: Alisha Gugnani, Siya Parikh, Alisha Vedi, Brianna Loiacono

William Clarke College, NSW

Coach: Megan Wolnizer

Junior Division: James Singh, Joshua Seaton, Aidan Lemsing, Ludvig Gulhane

Junior Division: Isaac Lam, Rohin Reddy, Isabelle Widjaja, Benjamin Varga

Brisbane Grammar School, QLD

Coach: Simon Canfield

Middle Division: Neil Sarikwal, Lucas Bell, Dominic Forrest, Dennis Zhou

Genesis Christian College, QLD

Coach: Felicity Hall

Junior Division: Anna Hopkins, Amber Cuff, Oscar Merlin, Savannah Jaunet-Ealing

Indooroopilly State School, QLD

Coach: Louise Kliese

Junior Division: Mark Bartashevich, Thomas Crespy-Worth, Lewis Fabb, Raphael Clemeur

Moreton Bay College, QLD

Coach: Jan Collins

Middle Division: Nuvini Dharmasena, Zoe Fletcher, Zoe Fotinis, Lara Thiele

Middle Division: Emma Donaldson

Senior Division: Lucy Lockhart, Eloise McKeon, Caliese McEachern, Celena Perera

GLOBAL ISSUES PROBLEM SOLVING

The Southport School, QLD

Coach: Jasna Poeszus

Junior Division: August Hermann

Mt St Michael's College, QLD

Coach: Jo Devenish-Meares

Middle Division: Bridget Locke, Ava Reading, Megan Gaskell, Juliette Cavanagh

Pacific Lutheran College, QLD

Coach: Jo Belchamber

Middle Division: Elena Butler, Emily Studiman, Ava Stanieg, Meckenzie Stanieg

St Andrew's Anglican College, QLD

Coach: Jillian Green

Junior Division: Molly Lawther, Hamish Nixon, Jai Moore, Will Carrier

St Josephs College, Qld

Coach: Tracey McIvor

Senior Division: Tasman Bunkum, Hugo Smith, Reuben Dooley, Zach Vivian

Senior Division: Justin Lye, Tom Nugent, Diarmuid Carroll, Lachlan Maw

St Peters Lutheran College, QLD

Coach: Anni Gold

Middle Division: Ella Young, Abbey Capper, Josie Bird, Jess Macowan

Senior Division: Charlie Hoare, Sophie Mauracher, Melinda Herman

Sts Peter & Paul's, QLD

Coach: Carolyn Burchill

Junior Division: Jessica Curtin, Ella Neale, Lucinda Pollock, Alice Raymond

Stuartholme School, QLD

Coach: Lara Rich

Middle Division: Amelia Davies, Laura Manson, Rosie Sheehan, Susannah Streeton

GLOBAL ISSUES PROBLEM SOLVING

Marryatville High School, SA

Coach: Jenni Henzell

Senior Division: Caitlin Hay, Nicolas Garcia-Bellido, Ruby Smith, Saxon Mitanski

Scotch College Junior School, SA

Coach: Kerry Kaesler

Junior Division: Alexander Dwyer, Aryan Dileep, Noah Triglau, Sylvie Mayfield-Smith

Westminster School, SA

Coach: Tanya Madex

Junior Division: Kate Cao, Christina Zhang, Rachael Slay, Penny He

Coach: Rebecca Mattinson and Rebecca Wilkins

Middle Division: Gerard McGinley, Janet Wang, Jacob Bratkovic, Kate Daniel

Middle Division: Olivia Fok, Michael Gough, Suhavi Sethi, Michael Pope

Senior Division: Emma Deering

Waimea Heights Primary, TAS

Coach: Philippa Clymo

Junior Division: Annameika Nethery, Josie Wright, Sam Palser, Tommy Davidson

Junior Division: Coco Pavlides, Kitty Stock, Lucas Craig, Sam Geason

Junior Division: Arlo Hargreaves, Bruno Stock, Roman Adamczewski, Tom Dawkins

Beth Rivkah Ladies College, VIC

Coach: Megan Blake

Middle Division: Talia Belfer, Leah Goodman

Birmingham Primary School, VIC

Coach: Israel Carroll

Junior Division: Katie Rees, Mila Ilic, Ebony Peet

GLOBAL ISSUES PROBLEM SOLVING

Haileybury, VIC

Coach: Kirsten Owens

Middle Division: Harrison Green, Judy Bo, Vinay Raghavan, Tim Dang

Junior Division: Anay Ashwin

Coach: Matthew Sutton

Middle Division: Holly Allen, Isabelle Nazaretian, Aarial Wrigley

Ivanhoe Girls Grammar School, VIC

Coach: Bron Dandie

Junior Division: Belinda Lim, Yannee Xu, Shivani Nanda, Mahek Badwal

Middle Division: Fiona Finch

Coach: Jodie Smith

Middle Division: Josie Ellis, Yelena Xu, Em Campbell, Lucy Li

Middle Division: Caitlyn Tao, Stephanie Shaw, Aki Fuller, Mairead Hamilton

Senior Division: Emily Hastewell, Isabella Dobson, Charli Barker, Niah Bateman

Senior Division: Paige Harrington

Methodist Ladies College, VIC

Coach: Jo Ryan

Middle Division: Irene Yannelis, Ava Garson, Alina Chen, Isolde Redston

Middle Division: Miranda Li, Sofia Rodriguez Espinosa, Isabella Hua, Kaylene Tan

St Leonard's College, VIC

Coach: Hayley Kuperholz

Junior Division: Matilda Eriksson, Ava Cooke, Blake Schmidt, Miller Bennett

Junior Division: Grace Goodwin, Kiara Bowd, Will Lawson, Charlie Wang

Middle Division: Maddie Cornish, Aurelia Martin, Isabella Simons, Aurelia Kilgour

Middle Division: Efan Dang, Xavier Wong, Alicia Park, Lila Wilson

GLOBAL ISSUES PROBLEM SOLVING

Wesley College, VIC

Coach: Kirsty Ross

Middle Division: Zara Pinan, Nicholas Levy, Stella Grundmann, Ivy Robertson

Middle Division: Eva Mc Cutcheon

Coach: Carolyn Ferguson

Middle Division: Amelie Ludbrook-Watt, Audrey Pinan, Emily Walsh, Frankie Birkett

Iona Presentation College, WA

Coach: Louise Kliese

Junior Division: Evie-Rose Radalj, Indiana Tame, Lily Harnwell, Asha Steinkrug

Coach: Rebecca Neesham

Middle Division: Pearl Barrow-Jones, Summer Sun, Samantha Lee, Rebeka Rong

Senior Division: Jiayang Han

Lake Joondalup Baptist College, WA

Coach: Sonja Van Aswegen

Senior Division: Emily Penhale, Isabel Gray, Taya Dardengo, Esther Ward

Senior Division: Caitlyn Sheppard, Chelsea McAuliffe, Nicolette Steyn, Arwen Owen

Senior Division: Holly Gray, Grace Joyce, Chad Seivwright, Kaelyn Crompton

Penrhos College, WA

Coach: Maddison Taylor-Gillett

Middle Division Emma Bourke, Abigail Best, Imogen Knight, Lauren Kwan

Senior Division: Jessica Maitland

St Mary's Anglican Girls' School, WA

Coach: Irene Cumming

Senior Division: Chloe Ryan, Neve Baumgartner, Kate Mackie, Caitlin McIlveen

Senior Division: Hanah Samnakay, Senuri Warusawithana, Grace Hailes, Jade Wallwork

Senior Division: Audrey Tan, Alexandria Moncrieff, Menaaz Khan, Juliet Crabb

COMMUNITY PROBLEM SOLVING

Central West Leadership Academy, NSW

Coach: Mandi Randell

Take One Step Middle Division: Carrigan Baker, Noah Randell, Finn Randell

Emanuel School, NSW

Coach: Craig Moss

Re-Write the culture Senior Division: Eden Levit, Ruby Brody

Kaleidoscope Teens Willow Gelin

Pittwater House Schools, NSW

Coach: Victoria James

Stick to your Roots Middle Division: Isla Gillespie, Rachael Hickey, Maya Weaver, Jaime Young, Angelina Hellawell, Ruby Hume, Rory MacLennan

TIGS, NSW

Coach: Jean Burton

Stick to your Roots Middle Division: Lucas Alexander, Bella Carswell, Yasmin Matar, Aahan Rakheja, Isaac Turner

Plastic Steps by Middle Division: Robbie Lavalley

Bioprinting Middle Division: Anastasia Popovska

William Clarke College, NSW

Coach: Megan Wolnizer

Slam Dunk the Junk Junior Division: Annabelle Chiu, Darcy Dunsford, Jasmine Oakey, Saanvi Puvvada, Olivia Ritchie, Isabelle Widjaja

St Andrew's Anglican College, Qld

Coach: Megan Wolnizer

Another Roof Junior Division: Emily Tarsilli, Abby Hutton, Hailey Higgins, Telahlee Harvey

Health Legends Junior Division: Kate Bailey, Mia Caple, Matilda McGarry, Miya Henwood

Screen Savers Middle Division: Tessa Blackmore, Sophia Innis, Tara Telburn, Georgie Jackson

Gumleaf Revolution Middle Division: Oli Taylor, Chloe Roberts

SCENARIO WRITING

Central West Leadership Academy, NSW

Coach: Mandi Randell

Middle Division: Noah Randell

Emanuel School, NSW

Coach: Craig Moss

Middle Division: Ashley Cohn

Illawarra Christian School, NSW

Coach: Simone Brown

Middle Division: Jayda Brain

Monte Sant' Angelo Mercy College, NSW

Coach: Jenny Jiang

Senior Division: Olivia Vercoe

Newcastle Grammar School, NSW

Coach: Jessica Parsonage

Junior Division: Matilda Dyer

Ravenswood School for Girls, NSW

Coach: Sharon Shapiro

Junior Division: Sophia Denney, Alison Gibb, Mier Zheng, Avaline Petty, Francesca Raffles

Middle Division: Laura Parker, Charlotte Brown, Amelia Robinson

William Clarke College, NSW

Coach: Megan Wolnizer

Junior Division: Elijah Porter, Annabelle Chiu

St Andrew's Anglican College, Qld

Coach: Jillian Green

Junior Division: Yve Arora

SCENARIO WRITING

St Peter's College, SA

Coach: Richard Davey

Senior Division: Darren Nguyen

Westminster School, SA

Coach: Kirsty Sutton

Senior Division: Emma Deering

Born to Soar, Vic

Coach: Amanda van de Beek

Middle Division: Braeden van de Beek

Carey Baptist Grammar School, Vic

Coach: Carolyn Giles

Junior Division: Milo Costello, Charlotte Sampson

Middle Division: Ella-Mei Graham

Haileybury, Vic

Coach: Kirsten Owens

Junior Division: Anay Ashwin

Middle Division: Grace Van Haaster

Kilvington Grammar School, Vic

Coach: Dee Broughton

Junior Division: Lucy Ma, Daniel Miller, Alexander Moore

Middle Division: Alessia Di Felice, Ruby Moore, Jude Teo, Elijah Slavinskis, Yash Kapoor

Methodist Ladies Collegel, Vic

Coach: Jo Ryan

Senior Division: Zoe Chen, Ruisi Zheng

Wesley College - Glen Waverley, Vic

Coach: Kathy Bernardi

Middle Division: Chloe Parker

SCENARIO WRITING

Melville Senior High School, WA

Coach: Tammara Yeo

Senior Division: Zachary Alpers, Om Sharma, Jeckmen Wu

St Mary's Anglican Girls' School, WA

Coach: Irene Cumming

Middle Division: Lilia Bradley, Sienna Patel

SCENARIO PERFORMANCE

Emanuel School, NSW

Coach: Craig Moss

Senior Division: Maayan Granot, Eden Levit

Hunter Valley Grammar School, NSW

Coach: Maree Karaka

Junior Division: Odette Mury, Isabelle Hicks

Illawarra Christian School, NSW

Coach: Simone Brown

Middle Division: Rosie Finley

Ravenswood School for Girls, NSW

Coach: Sharon Shapiro

Junior Division: Charlotte Merrin, Sara Rezaeian

William Clarke College, NSW

Coach: Megan Wolnizer

Junior Division: Shelby Strong, Benjamin Varga

Independent

Coach: Nicola O'Leary

Junior Division: Amelia Tolfts

Middle Division: Kayleigh O'Leary

St Mary's Anglican Girls' School, WA

Coach: Irene Cumming

Senior Division: Menaaz Khan

AND OUR THANKS TO.....

All major event such as this does not take place without the hard work and teamwork of a great number of people. To them, we offer our sincere thanks and gratitude. There are those who were the keystones of the structure, and to them, we offer our particular thanks:

- to Mrs Jan Collins, Principal: Mrs Janet Stewart, Mrs Delia Stecher, Nicole Hewson, Kim Thompson, Robyn Vagg, Ian Daunt and all the staff at Moreton Bay College who have been unfailingly helpful and co-operative in every aspect of the event organisation as hosts of the FPS QLD National Finals hub.
- to Murray Gill, Nicky Desoe and Simon Treadgold, and all the GIPS booklet evaluators who worked conscientiously throughout Saturday afternoon and Sunday;
- to Simon Canfield for co-ordinating the judging of the Presentation of Action Plans, and to all the volunteer judges involved;
- to Jean Burton for co-ordinating the evaluation of the Community Problem Solving competition, and her team of CmPS evaluators;
- to Alison-Jane Hunter for co-ordinating the Scenario Writing competition and evaluating the onsite Scenario Writing activities;
- to Christine Casinader co-ordinating the Scenario Performance over the year and evaluating the competition;
- to all the monitors for their willingness to assist with the competitive side of the Finals Experience;
- and finally, to Jenny Bunnage, for outstanding coordination in the FPS National Office