



Future Problem Solving Program Australia
2020 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-first National Finals of Future Problem Solving Program Australia.

Congratulations on receiving an invitation to the 2020 National Finals. You should be truly proud of your achievement in what has been a very disruptive year. Learning to apply the six step problem solving model when you are on campus is challenging. Being able to adapt to remote learning, all while developing your teamwork and collaboration skills with other students shows your resilience, passion and determination to become an exceptional problem solver.

If you have participated as an individual competitor, please understand that you have performed exceptionally well this year. All components received an extremely high standard of work and this made it a tough job when deciding national finals invitees.

Involvement in Future Problem Solving is life changing. You will find the skills you are learning are transferable to your other subjects, your tertiary education and beyond. When it is time for you to join the work force, you will find yourself using the skills of collaboration, critical, creative and futuristic thinking on a daily basis. As one student recently commented *"FPS has rewired the way that I think about everything"*. We hope it does the same for you.

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', that you use the six step process to develop solutions that others may not even imagine and make the world we live in better place for all.

As you move through life, we invite you to maintain your involvement in Future Problem Solving. Consider becoming an evaluator, or an association member or an ambassador for Future Problem Solving. Did you know that a large percentage of the FPS team are FPS alumni? We would love you to join them.

Finally, on behalf of the committee, I would like to express our appreciation to the coaches, administrators and parents who have enabled you to participate in our FPS Australia programs. I am always so impressed with their continuous dedication and passion.

We sincerely hope you enjoy the 2020 National Finals and wish all of you good luck with the competition.

John Digby, National Director

MESSAGE FROM THE PRIME MINISTER



PRIME MINISTER

MESSAGE FROM THE PRIME MINISTER

FUTURE PROBLEM SOLVING PROGRAM AUSTRALIA NATIONAL FINALS 2020

Good luck to everyone competing in the Future Problem Solving Program Australia national finals.

Every day we are called to answer challenges and problems; making sense of priorities; balancing the short and long term; and finding ways to make life better.

This year, we have all had to face a once in a century pandemic. A health crisis and an economic crisis played out in real time.

As a nation, we've been asked to find solutions for some very knotty problems. I am proud of what we have been achieving together, though we have a long way to go.

When I need answers for difficult questions, my go-to response is to gather a group of experts around me. Problem solvers who know their special subject from back to front, inside and out. I ask questions, listen to their advice, and we collaborate on a solution. Even if the answer isn't the one I want to hear, I know it's most likely to be the right one.

If you bring a group of problem solvers together, good things happen. And, with the right attitude and the right technology, you don't even need to be in the same room. You'll prove that over these next couple of days as you work remotely to come up with practical solutions to some very real problems.

Well done to you all for committing to your learning throughout this difficult time. Make sure you thank your teachers and coaches¹ for their efforts too. They've been working hard to deliver you the great education you deserve, regardless of whether you're in the classroom or at home.

The work you are doing today is part of your journey as a lifelong learner. Congratulations for having come so far. Your efforts and dedication give me great hope for the future.

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

The Hon Scott Morrison MP
Prime Minister of Australia

October 2020

GLOBAL ISSUES PROBLEM SOLVING

Central Coast Grammar School

Coach: Maya Leith

Senior Division: Noah Boys-Smith, Gabrielle Taylor, Jack Quinlan, Brandon Ma

Central West Leadership Academy

Coach: Mandi Randell

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

Covenant Christian School

Coach: Amanda Drain

Junior Division: Violet Smithies, Henry Jones, Sylvia Remenar, Ellie Tong

Coach: Samantha Glassock

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

Illawarra Christian School

Coach: Simone Brown

Junior Division: Toby Atkinson, Jazmine Taylor, Lauren Coleman, Layla Beavan

Middle Division: Melody Brown, Madison Healey, Jayda Brain, Rosie Finley

Middle Division: Isabella Story, Zoe Fahey, Abbey Plaege, Johny Antony

Middle Division: Cody Sullivan, Jeremy Smark, Connor Larkin, Benjamin Gregory

Senior Division: Callia Spreitzer, Ava Fahey, Molly Story, Thomas Smark

Kambala

Coach: Anna Messariti

Individual Middle: Lynna Chen

Individual Middle: Emma James

Middle Division: Ansalee Desai, Laila Duchen, Abby Friderich, Grace Hyder

Middle Division: Eli Alfassi, Lulu Joye, Jessica Liu, Grace Zhong

Middle Division: Isabella Jennings, Iris Lee, Alice Malcolm, Jemima Salt

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

Middle Division: Georgia Bournas, Erin Dunn, Heidi Gerber, Temple Grant-Klar

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

Senior Division: Catie Bako, Audrey Hidayat, Lily Tucker, Daisy Weight

NEW SOUTH
WALES

GLOBAL ISSUES PROBLEM SOLVING

Loreto Kirribilli

Coach: Raelene Giffney

Middle Division: Meckenzie Lai, Claudia Lenzner, Lucy Hui, Lucy Johnston

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

Senior Division: Greta Perrignon, Mia Grace Otter, Eliane Champ, Raquel Gerber

Loreto Normanhurst

Coach: Robyn Roffey

Middle Division: Lucy Johnston, Sophie Mota, Bella Kachel, Eloise Rose-Helbert

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

Senior Division: Georgia Cluff, Charlotte Cluff, Ella Donlevy, Emily Stockwell

Senior Division: Sophie Earle, Zoe Redwin, Zara Oong, Vivien Li

Moriah College

Coach: Teresa Rede

Middle Division: Sienna Wilkenfeld, Nina Bailison, Noa Jacobson, Jack Lasky

Middle Division: Chloe Blumberg, Arin Fine, Ariella Cappe, Ariella Badler

Pittwater House Schools

Coach: Victoria James

Individual Middle: Yarra Jackson

St Aloysius' College Junior School

Coach: Kate Lester

Junior Division: James Dinh, Ethan Vacarro, Leo Zaurrini, Daniel Wiran

William Clarke College

Coach: Megan Wolnizer

Junior Division: Alexander O'Shaughnessy, Rory Brain, Cadell Birch, Kieran Chng

NEW SOUTH
WALES

GLOBAL ISSUES PROBLEM SOLVING

Brigidine College

Coach: Renee Dunne

Senior Division: Ashleigh Gordon, Rosie Pope, Isobel Peters, Imogen Bradshaw

Indooroopilly State School

Coach: Louise Kliese

Junior Division: Aunabil Nile, Millie Sargent, Nicole Wang, Angelina Tang

Junior Division: Tanisha Ganpule, Grace Zhao, Francesca Kelly, Ava Wang

Moreton Bay College

Coach: Jan Collins

Middle Division: Katie McMeechan, Elyse Madden, Charlotte Naumann, Jasmine Dale

Senior Division: Tessa Boardman, Abby Gauld, Zoe Cumming, Ashleigh McKeon

Mt St Michael's College

Coach: Jo Devenish-Meares

Middle Division: Megan Gaskell, Bridget Locke, Esther Hockey, Molly Jones

Pacific Lutheran College

Coach: Jo Belchamber

Individual Middle: Charles Box

Siena Catholic College

Coach: Rona Mahon

Middle Division: Fraser Simms, Jack De Marco, Georgia Tarrant, Alyssa Somerville

St John Fisher College

Coach: Susanne Perey

Middle Division: Charlotte Coghlan, Charlotte Polinski, Natasha Howie, Lauren Phillipson

QUEENSLAND

GLOBAL ISSUES PROBLEM SOLVING

St Josephs College

Coach: Tracey McIvor

Junior Division: Jackson McConnachy, Max Walker, Julian Spark, Harrison Ellis

Middle Division: Tasman Bunkum, Reuben Dooley, Zachary Vivian, Hugo Smith

Senior Division: Robert McSwiggan, Matthew Rice, Finbar Carroll, Luke Evans

Senior Division: Yang Zhang, Matthew Cho, Patrick Gleeson, Justin Jeyarajah

St Peters Lutheran College

Coach: Anni Gold

Senior Division: Ava Murdoch, Matilda Bishop, Sophie Mauracher, Charlotte Crane-Plant

Senior Division: Charlie Hoare, Jessica Logan, Melinda Herman, Frank Herron

Sts Peter & Paul's

Coach: Carolyn Burchill

Junior Division: Cate Piggott, Scarlett Pesch, Nina McInnes, Taylor Savory

Stuartholme School

Coach: Margie Luxford

Middle Division: Darcy Mansul, Alexandra O'Brien, Stella Tapper, Grace Tupicoff

Marryatville High School

Coach: Jenni Henzell

Individual Senior: Leona James

Individual Senior: Maya Dangal

Middle Division: Heather Ferguson, Caitlin Hay, Sofia Jimenez-Trujillo, Ruby Smith

Scotch College Junior School

Coach: Kerry Kaesler

Junior Division: Oliver Carney, Issy Walter, Alexander Lee, Neo Wang

QUEENSLAND

SOUTH
AUSTRALIA

GLOBAL ISSUES PROBLEM SOLVING

SOUTH
AUSTRALIA

Westminster School

Coach: Tanya Madex

Junior Division: Kate Daniel, Georgie Burt, Gerard McGinley, Janet Wang

Coach: Rebecca Mattinson & Rebecca Wilkins

Middle Division: Nikolas Damato, Jack White, Sebastian Ireland, Jacob Frankel

Middle Division: Ella Williams, Emma Deering, Veda Muthineni, Michelle Liew

TASMANIA

Waimea Heights Primary

Coach: Philippa Clymo

Junior Division: Clara Bavage, Grace Mennitz, Ilia Kurseev, Tom Dawkins

Junior Division: Annabel Ng, Arlo Hargreaves, Bridget Ng, Lucas Craig

Junior Division: Emily Hill, Hiba Rizvi, Kitty Stock, Skye Li-Byrne

VICTORIA

Ivanhoe Girls Grammar School

Coach: Bron Dandie

Junior Division: Isabel Clancy, Caitlin Schmelitschek, Elaine Yuan, Sophie Kuzmina

Methodist Ladies College

Coach: Jo Ryan & Kate Lafferty

Middle Division: Hannah Kilpatrick, Isabel MacDonald, Julie Yang, Annabel Nation

Middle Division: Vivian Shen, Lily Wang, Rebecca Webster, Keira Murugasu

Middle Division: Synthia Ekram, Lilly Brett, Abigail Schneeberger, Tia Poore

Senior Division: Mia Booth, Sophie Yang, Adeline Toohey, Jacinta Li

GLOBAL ISSUES PROBLEM SOLVING

Northside Christian College

Coach: Amy Horneman

Middle Division: Andee Tham, Sarah Halden, Madison Kluchkovsky, Timothy Halden

St Leonard's College

Coach: Fran Devine

Individual Senior: Jenna Brown

Middle Division: Archer Mundy, Callum Wilson, Audrey Liuk, Caitlyn Pham

Middle Division: Richie Huang, Bella Zhu, Hana Mitchell, Yi Wei Wang

Middle Division: Charlotte Graham, Hannah Chruszcz, Tess Ilzynski, Nicole Foley

Middle Division: Owen Smith, Archie Heath, Toby Owen, Luke Pafumi

Wesley College SKR

Coach: Carolyn Ferguson

Middle Division: Eva McCutcheon, Jemimah Murray, Zara Pinan, Jack Jones

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

All Saints' College

Coach: Greg Port

Middle Division: Emma Burton, Sunishka Verma, David Duff, Olivia Loke

Ardross Primary School

Coach: Auriol Heary

Junior Division: Kieran Ho, Kenneth Cheong, Parmis Delavarpour, Shi Ying Liang

Junior Division: Joseph Dias, Matthew Smith, Sophia Chen, Jessica Chen

Junior Division: Eliza Cox, Jasmine Ellery, Lara Kelly, Phoebe Hudson

C

Lake Joondalup Baptist College

Coach: Sonja Van Aswegen

Middle Division: Gabrielle Hawkes, Lillian Walker, Nicole Cheah, Layla Van Staden

Middle Division: Arwen Owen, Caitlyn Sheppard, Nicolette Steyn, Eshika Khetani

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

Senior Division: Chamudi Egodage, Shakira Tran, Caitlyn Lopez, Xanthe Bouloudas

Senior Division: Jake Mawson, Toby Andrews, Harry Hillyard, Joshua Bryden

VICTORIA

WESTERN
AUSTRALIA

GLOBAL ISSUES PROBLEM SOLVING

Christ Church Grammar School

Coach: Victoria Wisker

Junior Division: Peter Harrison Sm, Zach Parramore, Hayden Jefferys, Arjun Brian

Junior Division: Archie Bucher, Emilio Cherubino, Nate Wong, Max Ingham

Iona Presentation College

Coach: Felicity Moullin

Junior Division: Céití Walsh, Lucille O'Sullivan, Isabelle Dyer, Chloe te Wierik

Junior Division: Elysha Coates, Emersen Lay, Lola Davies, Evie-Rose Radalj

Methodist Ladies' College

Coach: Nicola Rose

Middle Division: Lucy Garratt, Hannah Wang, Priyanka Muthukattu, Lauren Ponton

Middle Division: Lauren Ponton, Isabel Hennessy, Nimshi Kawryshanker, Elsie Fraser

St Mary's Anglican Girls' School

Coach: Irene Cumming

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

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

Senior Division: Claire Craig, Olivia Nolan, Ashlin Eiszele, Aimee Ryan

Senior Division: Noelle Chitty, Alice Ward, Caroline McGinn, Kelly Gallagher

WESTERN
AUSTRALIA

COMMUNITY PROBLEM SOLVING

Ravenswood School for Girls

Coach: Sharon Shapiro

Big Sisters Middle Division: Laura Parker, Anvi Ahlawat, Sydney Bao, Pia Bobeff, Elisa Bulin, Chloe Carr, Abbey Johnston, Chelsea Lambert, Phoenix Lay-Yee, Priscilla Lee, Heidi Li, Sophia Li, Amelie McIntyre, Olivia Stipo, Catherine Swemmer, Victoria Wu

Tara Anglican School for Girls

Coach: Jane Wong

The PAL Project Middle Division: Siya Parikh, Ashley Kim, Gemma Oiu, Alisha Vedi, Imogen Barber, Keisha Lewis Ranasinghe

The Illawarra Grammar School

Coach: Jean Burton

R U OK Mate? Individual Middle: Marci Davis-Cooke

BCG: Building Confident Girls Middle Division: Isabelle Bush, Claire Spicknall

The Masketeers Senior Division: Kaleb Anderson, Harrison Ledger, Nicholas Chiaverini

William Clarke College

Coach: Megan Wolnizer

The STRESS Project Junior Division: Ruby Carter, Gabrielle Ng, Crystal Yan, Tharika John, Sophie Klimontova, Jessica Dowling

Coach: Debbie Tarrant & Scott Lucas

Peer Tutoring Senior Division: Jake Abbey, Mackenzie Bayly-Pike, Lilly Hanckel, Ella Simons, Elijah Levine, Nicholas Hudd

St Andrew's Anglican College

Coach: Jillian Green

The Togetherness Project Individual Middle : Molly Mitchell

K.I.N.D. Middle Division: Eve Jenner, Chloe Bailey

NEW SOUTH
WALES

QUEENSLAND

See the CmPS Fair @ fmsp.org.au

SCENARIO WRITING

NEW SOUTH
WALES

Loreto Normanhurst

Coach: Robyn Roffey

Senior Division: Gian Ellis-Gannell

Queenwood

Coach: Rosalind Walsh

Middle Division: Helena Karedis,

Middle Division: Madeline Hilmer

Ravenswood School for Girls

Coach: Sharon Shapiro

Junior Division: Sophie Li

Junior Division: Charlotte Brown

Junior Division: Mier Zheng

Middle Division: Laura Parker

QUEENSLAND

Pacific Lutheran College

Coach: Kirsty Roy

Senior Division: Makani Campbell

St Andrew's Anglican College

Coach: Jillian Green

Junior Division: Annabelle Morley

Junior Division: Sophia Innis

Junior Division: Olivia Taylor

Middle Division: Daniel Boulton,

Middle Division: Kai Pratt

VICTORIA

Carey Baptist Grammar School

Coach: Carolyn Giles

Junior Division: Charlotte Sampson

Middle Division: Ella-Mei Graham

SCENARIO WRITING

Haileybury

Coach: Kirsten Owens

Middle Division: Grace Van Haaster

Middle Division: Kyle Stutz

Kilvington Grammar School

Coach: Dee Broughton

Junior Division: Henry Hu

Junior Division: Yash Kapoor

Junior Division: Daniel Miller

Middle Division: Jude Teo

Middle Division: Ruby Moore

Middle Division: Victoria Hu

Senior Division: Sarah Yeo

Methodist Ladies College, Victoria

Coach: Jo Ryan & Kate Lafferty

Middle Division: Zoe Chen

Middle Division: Ruisi Zheng

Wesley College - Glen Waverley

Coach: Kathy Bernardi

Middle Division: Chloe Parker

Senior Division: Charlotte Foord

Senior Division: David Xiang

Melville Senior High School

Coach: Tammara Yeo

Middle Division: Zoey Tham

Senior Division: Zachary Alpers

Senior Division: Om Sharma

Senior Division: Teagan Soper

VICTORIA

WESTERN
AUSTRALIA

SCENARIO PERFORMANCE

NEW SOUTH
WALES

Ravenswood School for Girls

Coach: Sharon Shapiro

Junior Division: Jacqueline Mao,

Junior Division: Phoebe Young

William Clarke College

Coach: Megan Wolnizer

Junior Division: Matilda Savenije,

Junior Division: Eleni Fountis

Independent

Coach: Nicola O'Leary

Middle Division: Kayleigh O'Leary

A WORD OF SPECIAL APPRECIATION

A 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 Gifted and Talented Coordinator, Mrs Irene Cumming, Principal: Mrs Judith Tudball, Deputy: Mrs Cheryl Haak and all the staff at St Mary's Anglican Girls' School, WA who have been unfailingly helpful and co-operative in every aspect of the event organisation as hosts of the FPS WA 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 Emily Dirckze 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.