



Future Problem Solving Program Australia 2023 National Finals

proudly hosted by



BRISBANE GRAMMAR SCHOOL



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

Acknowledgement of Country

Future Problem Solving Program Australia and the community of Brisbane Grammar School acknowledges the Traditional Custodians of the land on which we learn, live and work – the Jagera and Turrbal peoples of Meanjin, and the Ugarapul peoples of Moogerah. We pay our respects to Elders past, present and future and to the culture and histories of Aboriginal and Torres Strait Islander peoples.

Welcome

Welcome to the 34th National Finals of the Future Problem Solving Program Australia. Congratulations on receiving an invitation to the 2023 National Finals. Your achievement is truly commendable.

I would like to extend my sincere gratitude to Brisbane Grammar School for hosting the National Finals this year. The team at Brisbane Grammar School demonstrated exemplary commitment, enthusiasm, initiative, and logistical support in organising the Finals.

Throughout 2023, the Australian Future Problem Solving community delved into highly relevant futuristic topics. We know that your research and creative futuristic solutions have been invaluable, providing insights into these important issues. Our dedicated Community Problem Solvers from all over Australia have identified challenges within their communities and developed strategies to address them, encompassing critical issues such as the environment, rural health, and connectivity. I encourage you to explore their projects at the Community Problem Solving (CmPS) Fair, taking place on Saturday between 12 and 1 in the Centenary Building.

Students, your journey to this event is a testament to your dedication, creativity, and exceptional problem-solving skills. As National Finalists, you've shown a remarkable ability to tackle real-world challenges and envision innovative solutions for a better future. Throughout the National Finals, you'll have the opportunity to connect with like-minded peers, engage in thought-provoking discussions, and showcase your problem-solving abilities on a national stage. Embrace this unique experience, as it's not just a celebration of your accomplishments but also a chance to inspire and be inspired by the brilliance of your fellow participants.

In closing, I'd like to express our deep appreciation for the coaches, administrators, and parents who have enabled you to participate in our FPS Australia programs. Their dedication and passion are truly impressive.

We sincerely hope you enjoy the 2023 National Finals and wish each and every one of you the best of luck in the competition. I look forward to continuing to promote the success of the students in our program, who are committed to addressing the challenges we face in a structured and realistic way, ultimately improving our lives from 2023 onwards

Yours in problem solving
Suzanne Digby
National Director

Global Issues Problem Solving

Ascham School, NSW

Coach: Breanne Porter

Junior Division: Abigail Workman, Ines Burrows, Poppy Mallett, Willow Garcia

MAGIC: Jemima Kerwick, Daphne Palmerlee

Central West Leadership Academy, NSW

Coach: Mandi Randell

Junior Division: Fletcher Cotter, Hamish Wells, Neve Friend, Norah Broadbent

Senior Division: Finn Randell

MAGIC: Hiruka Hapuarachchi

Covenant Christian School, NSW

Coach: Amanda Drain

Junior Division: Antara Verghese, Ben Gelding, Johanna Soviner, William Glassock

Junior Division: Alexi de Muelenaere, Sarah-Claire Opperman, Savannah Cass Verco, Stephanie Williams

Junior Division: Archie Castle, Ben Chippindale, Megyn Jones, Suzannah Bootes

Middle Division: Annabel Kyme, Christopher Chen, Joel Stanwell, Lila Walker

Senior Division: Jannik McErlane

Illawarra Christian School, NSW

Coach: Simone Brown

Junior Division: Jessica Olsen, Keira Stevens, Rhys Atkinson, Rosie Beavan

Junior Division: Amber Brar, Claire Wang, Sophia Janeski, Zaria Spreitzer

Middle Division: Jazmine Taylor, Madeleine Fitzhardinge, Mitchell Atkinson, Toby Atkinson

MAGIC: Emily Boynton, Rebekah Kinstead

Independent, NSW

Coach: Amanda Drain

Junior Division: Callisto Drain

Kambala, NSW

Coach: Anna Messariti

Middle Division: Cecilia Wang, Frankie Somerville, Lyla Hyder, Samara Bartholomew

Middle Division: Alice Livingstone, Hania Skimin, Quincy Sheldrick, Tara Chen

Senior Division: Alana Zhou, Emma Janes, Grace Zhang, Sasha Laragy

Senior Division: Lisa Wang, Maddy Baukh, Sarah Ong

Coach: Alice Duthie

Middle Division: Claudia Gerber, Madeleine Weissberger, Penny Wang, Sophia Dan

Senior Division: Elektra Kostas, Heidi Gerber, Matilda Herron, Temple Grant-Klar

Global Issues Problem Solving

Kambala, NSW

Coach: Katherine Tsingos

Middle Division: Danica Zheng

Middle Division: Ariane Tzaneros, Chelsea Wong, Coco Sweeney, DuoDuo Ye

Middle Division: Chloe Paleologos, Elsie Paton, Kate Wu, Laura Janes

MAGIC: Gisele Correa, Stella Christie, Alissa Song, Sofia Chan, Elle Dlugosz, Georgianna Botros, Isabel Horth, Emma Li, Elisheba-Wendy Adu-Osae, Miya Li, Ashleigh Gibson, Bonnie Zheng

Knox Grammar School, NSW

Coach: Oliver Weeding

Middle Division: Bruce Ru Nathan Zhou Harry Tong Martin Li

Middle Division: Harry Burwood Summer Chen Ryan Zheng Jeremy Sun

Loreto Normanhurst, NSW

Coach: Beth Nairn

Middle Division: Julia Levay

Pymble Ladies College, NSW

Coach: Debbie Tarrant

Middle Division: Anita Clark, Elysia Sun, Kiki Chen, Lucy Xie

Reddam House, NSW

Coach: David Ehrlich

Middle Division: Ivan Nguyen, Jessica Zhu, Xavier Hanna, Zac Levin

St Catherines School, NSW

Coach: Lisa Hammond

Junior Division: Francesca Gibson, Juliette Mina, Madeleine Harris, Noah Stern

Junior Division: Audrey Caltagirone, Evelyn Power, Hartley Carr, Saskia Vinnell

St Joseph's Catholic College East Gosford, NSW

Coach: Janine Wedmore

Middle Division: Charlotte Simpson, Malia Kautzner-Petley, Matilda Jackson-Bullivant, Abby O'Malley-Jones

MAGIC: Matilda Walker, Grace Haydn

Tara Anglican School for Girls, NSW

Coach: Janine Nguyen

Middle Division: Agatha Hui, Eden Wong, Ella Jiang, Nicole Wu

Middle Division: Angelique Li, Ellie Hatzisavas, Lara Widjaja, Mia Chen

Global Issues Problem Solving

William Clarke College, NSW

Coach: Megan Wolnizer
Junior Division: Nicholas Wu

Brigidine College, Qld

Coach:
Middle Division: Lena Kulam, Lilli Sharman, Lily O'Donoghue, Lucy Pagliano
MAGIC: Sarah Cleary Martin

Brisbane Grammar School, Qld

Coach: Liisa Miner
Middle Division: Charmaine Wong, Dinura Gallage, Eric Su, Jake Parker
Middle Division: Claire Zhang, Grace Zhao, Mini Sellar, Miranda Zhang
MAGIC: Thisali Wijesundera, Qiwen Mo, Nicholas Blanch, Angel Li

Indooroopilly State School, Qld

Coach: Kami Hazlewood
Junior Division: Aaishi Tiwari, Alaina Singh, Scarlett Spina, Susie Kim
Junior Division: Kiara McGregor-Smith, Shivani Sundaram, Sofia Ede, Syarifah Hakim

Marist College Ashgrove, Qld

Coach: David O'Brien
Senior Division: Alex Apelt, Harrison Dyer, Max Bathersby, Remy Versace

Moreton Bay College, Qld

Coach: Jan Collins
Senior Division: Celena Perera, Deepti Kutty, Eloise McKeon, Lucy Lockhart
Senior Division: Lara Thiele, Nuvini Dharmasena, Zoe Fotinis, Zoe Fletcher
MAGIC: Emma Donaldson

Mt St Michael's College, Qld

Coach: Jo Devenish-Meares
Middle Division: Ivy Dunn, Jasmine Ewings, Keira Heiner, Lani Martin

Pacific Lutheran College, Qld

Coach: Jo Belchamber
Middle Division: Sam Roberts
Senior Division: Emily Studiman

St Josephs College, Qld

Coach: Carolyn Ferguson
Middle Division: Harrison Ellis, Jackson McConnachy, Julian Spark, Max Walker
Senior Division: Ruben Beaumont, Ryan Barnes, Tasman Bunkum, Zachary Vivian
MAGIC: Hamish Hill, Asher Wagner, Mayukh Kakar, Jack Sadler

Global Issues Problem Solving

St Peters Lutheran College, Qld

Coach: Anni Gold

Senior Division: Abbey Capper, Holly Hancock, Jess Macowan, Josie Bird

MAGIC: Erica Monaghan, Rachel Telfer

The Southport School, Qld

Coach: Sarah Bond

Middle Division: Henry Shutie

Westside Christian College, Qld

Coach: Amanda Morgan

Junior Division: Annabel Truelock Emma Duncan Nadia Cristea Saria Gibb

MAGIC: Max Johnston, Joshua Nguyen

Scotch College, SA

Coach: Kerry Kaesler

Junior Division: Bill Barton Charlie Stratton Jonathan Lau Sunny Wang

MAGIC: Georgia Prior

Westminster School, SA

Coach: Rebecca Mattinson

Senior Division: Leo French

Senior Division: Emma Deering

Waimea Heights Primary, Tas

Coach: Philippa Clymo

Junior Division: Arnika Baghbanian, Audrey Chan, Kateryna Tkachuk, Yui Han

Junior Division: Carmen Ng, Conan Xu, Denzel Gurung, Katie Faulkner

Haileybury, Vic

Coach: Kirsten Owens

Middle Division: Anay Ashwin

Ivanhoe Girls' Grammar School, Vic

Coach: Alana Ryan

Middle Division: Shivani Nanda

MAGIC: Isabel Clancy

Methodist Ladies College, Vic

Coach: Jo Ryan

Middle Division: Alannah Trivett, Annabel Hotchin, Lily Middleton, Tanishka Aggarwal

Middle Division: Eliza Wheelahan, Eshika Panchal, Hannah Thompson, Sheila George

Senior Division: Dionne Zeng, Eliza Wong, Raha Raissi, Sofia Rodriguez Espinosa

Global Issues Problem Solving

St Leonard's College, Vic

Coach: Hayley Kuperholz

Junior Division: Rachael Benoy

Junior Division: Lara Keyvanloo, Lexie Dichiera, Joanna Zhang, William Owbridge

Middle Division: Alexander Hookway, Elise Pollard, Matthew Peng, Sophie Graham

Middle Division: Abby Wu, Amelia Nankervis, Lily Andrews, Poppy Sallabanks

Middle Division: Ava Cooke, Blake Schmidt, Matilda Eriksson, William Lawson

Wesley College, Vic

Coach: Joey Clapper

Middle Division: Chloe Kaskani, Clara Candeira Faulkner, Ivy Moore, Mitchell Irwin

Middle Division: Audrey Pinan, Loila Balbontin, Sienna Matthews, Zoe Meier

Senior Division: Eva McCutcheon

Senior Division: Ariel Maevisky, Jack Jones, Jenna Mitelman, Neel Khot

Ardross Primary School, WA

Coach: Denelle Ellery

Junior Division: Edward Dias, Gabriel Tho, Kehlan Ruzicka, Saina Delavarpour

Harrisdale Senior High School, WA

Coach: Swee Ping Aung

Middle Division: Abigail Koh, Erica Udas, Mihin Henkanaththegeudara, Raagavy Jagannathan

Middle Division: Bianca Mathew, Devaanika Shyju, Nair Sarah Prince, Tanusha Rajan

Middle Division: Aiden Manoj, Harish Alagumey, Maahesh Rajan, Tristan Wang

Middle Division: Kailin Suraweera, Kiran Jose, Mantra Prajapati, Rishan Pereira

Iona Presentation College, WA

Coach: Gabrielle Groves

Junior Division: Grace Chantler, Heather Morgan, Mathilde Dobrzanski, Rosie Connolly

Junior Division: Annabel Cruickshank, Indi Hopkins, Olive Hooper, Olivia Richardson

Senior Division: Samantha Lee

MAGIC: Rebeka Rong

Lake Joondalup Baptist College, WA

Coach: Ashleigh Cartledge

Senior Division: Lachlan Brady, Robyn Steyn, Sean Daniel, Sofia May

Penrhos College, WA

Coach: Annette Thomas

Senior Division: Bridget Hill, Emma Bourke, Imogen Knight, Julia Shipman

Global Issues Problem Solving

PLC Perth, WA

Coach: Michelle Clayton

Junior Division: Amy Huang, Eva Bruna Lalic, Georgia Day, Sophie Landau

St Mary's Anglican Girls' School, WA

Coach: Irene Cumming

Middle Division: Timea Sicoe

Middle Division: Ava Davis, Jordyn Cooper, Leanne Wu, Rebecca Luckley

Middle Division: Edie Vogan, Florence Shaw, Serena Cooper, Tari Salami

Middle Division: Amy Zhou, Areebah Khan, Bella Bugg, Dreana Khaw

Community Problem Solving

Central West Leadership Academy, NSW

Coach: Mandi Randell

Middle Division: Emelia Hosking (*Get off your screen and get outside!*)

Senior Division: Imogen Bassett, Jake Spinks, Joey Besser (*Beyond the City Limits*)

Ravenswood School for Girls, NSW

Coach: Sharon Shapiro

Middle Division: Aanya Karunaratne, Audrey Li, Frankie Raffles, Lulu Clark, Mia Zheng,

Phoebe Young, Sara Rezaeian, Sophia Denney, Sorcha Bones, Tia Ng (*No Plan(t) 'B'*)

Rosebank College, NSW

Coach: Mark Borg

Middle Division: James Davis, Keighley Brentrup, Lauren Burrello, Sophie Wan (*Reducing Food Waste*)

The Illawarra Grammar School, NSW

Coach: Jean Burton

Middle Division: Chloe Mekisic, Grace Russo (*CSA: Coastal Safety Awareness*)

Middle Division: Bella Carswell, Lucy Bernie, Rhys Chieng, Robbie Lavalley, Yasmin Matar (*Helping Hands*)

Senior Division: Ishe Chibanda, Mia Parker, Samantha Fritsch, Will Jorgensen (*Walk till you Talk*)

Senior Division: Alyssa Jeffries (*Screen Smart*)

William Clarke College, NSW

Coach: Megan Wolnizer

Junior Division: Alyssa Connellan, Caitlin Dowling, Caleb Woolley, Gabrielle Gilchrist, Kaylene Chiu (*Teach about the Beach*)

Pacific Lutheran College, Qld

Coach: Jo Belchamber

Middle Division: Cody Walker, Grace Healy, Jessica Cronin, Nicole Hodgett, Paris Pohler (*Community Cooking*)

Middle Division: Ariel Nowak, Asha Rudes (*We Walk Together*)

Middle Division: Sabine Michel-Power, Zara Koebsch (*Mental Health*)

St Andrew's Anglican College, Qld

Coach: Jillian Green

Junior Division: Alexander Olsson, Eloise White, Evie Giles, Hamish Boyd, Lilah Vivian, Lucy Sparling (*The Creative Curators*)

Junior Division: August Boulton (*ATOMIC*)

Parkmore Primary School, Qld

Coach: Jodie Doble

Junior Division: Emily Padman, Jacob Niven, Sebastian Van Ketwich (*SPEED*)

Scenario Writing

Newcastle Grammar School, NSW

Coach: Jessica Parsonage

Middle Division: Matilda Dyer, Poppy Kinnane, Zali Lancey, Charlie Cohen, Cheryl Kopano

Ravenswood School for Girls, NSW

Coach: Sharon Shapiro

Junior Division: Nicia Zhang, Alexandra Pitman, Isabelle Yeng, Siena Fernandes, Abigail Wu, Cinny Yuan

Middle Division: Charlotte Brown, Zara Huljich

St Andrew's Anglican College, Qld

Coach: Jillian Green

Middle Division: Sascha Seymour

St Josephs College, Qld

Coach: Carolyn Ferguson

Senior Division: Tim Debatista

Scotch College, SA

Coach: Kerry Kaesler

Junior Division: Connor Wallace

St Columba, SA

Coach: Oliwia Derda

Senior Division: Tiarna Champion, Ciannah Richards

Carey Baptist Grammar School, Vic

Coach: Ella-Mei Graham

Middle Division: Ava Elliot

Haileybury, Vic

Coach: Kirsten Owens

Middle Division: Elsha Gammanage

Kilvington Grammar School, Vic

Coach: Tania Whitehead

Junior Division: Muskan Kapoor, Dante Di Felice, Jeremy Sun

Middle Division: Ewan Harrison, Addi Sey, Onkaar Lamba, Yash Kapoor, Akshayini Pritam

Wadhvani, Rishab Saravana Babu

Methodist Ladies College, Vic

Coach: Jo Ryan

Middle Division: Izzy Romanes

Senior Division: Thisaly Navaratne

Scenario Writing

Wesley College, Vic

Coach: Joey Clapper

Middle Division: Holly Nadenbousch

Melville Senior High School, WA

Coach: Tammara Yeo

Middle Division: Charlotte Yeo

St Mary's Anglican Girls' School, WA

Coach: Irene Cumming

Senior Division: Lilia Dorfman

Scenario Performance

Hunter Valley Grammar School, NSW

Coach: Katie McCloskey

Middle Division: Odette Mury, Marli Grice

Newcastle Grammar School, NSW

Coach: Jessica Parsonage

Middle Division: Florence Saker, Scarlett Van Dyck, Matilda Dyer

Ravenswood School for Girls, NSW

Coach: Sharon Shapiro

Junior Division: Sophie Humburg, Chloe Ong

Middle Division: Grace Robinson

William Clarke College, NSW

Coach: Megan Wolnizer

Junior Division: Emmeline Savenije, Cassandra Hirsch

Pacific Lutheran College, NSW

Coach: Jo Belchamber

Middle Division: Henry Dunn-Neill

And our thanks to

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 Ms Tanya Neilsen, Principal Project Officer, STEAM and Related Learning, Sharelle Crease, Events Coordinator, and Liisa Miner, Teacher and all the staff at Brisbane Grammar School, who have been unfailingly helpful and co-operative in every aspect of the event organisation as hosts of the 2023 National Finals
- to Murray Gill, Nicky Desoe and Simon Treadgold, and all the GIPS booklet evaluators who worked conscientiously throughout Saturday afternoon and evening;
- to Carolyn Giles for coordinating 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 Thomas Khoo for co-ordinating the Scenario Writing competition and evaluating the onsite Scenario Writing activities;
- to Christine Casinader for co-ordinating the Scenario Performance over the year and evaluating the competition alongside Emma Giles;
- to all the monitors for their willingness to assist with the competitive side of the Finals Experience;
- to Jenny Bunnage, for outstanding coordination in the FPS National Office
- and to Simon Canfield, FPS Queensland State Convenor for outstanding dedication, enthusiasm, initiative, and logistical support in organising the Finals.