

## Scientific Investigations Awards Category

**Shirley Wang**

Meriden School

Hydropower Optimisation using calculus & experimentation

The Young Scientist Awards committee would like to thank you for the time and effort you have put into your entry. We congratulate you on persevering with your project during another year impacted by COVID-19. We are hopeful that the working scientifically skills that you have adopted in your project will be of great benefit when undertaking further investigative work during the remainder of your school life. We also hope that this experience has inspired you to pursue a STEM-based path in your future career.

Your project has been assessed by a team of judges who have assessed your entry against the judging rubric for your age and category. All rubrics are available on our website.

**The strengths of your investigation include:**

- having a keen awareness of the scientific processes related to your investigation,
- selecting an area of study that will benefit society.

**Next time you could improve your investigation and reporting by:**

- selecting a more appropriate graph type to display your data.

Congratulations once again on your achievement, and we look forward to receiving more projects from you in the future.



**Margaret Shepherd**  
President of STANSW



**Anjali Rao**  
Young Scientist Co-ordinator