

2025 STANSW Young Scientist Awards

Frederick Neal Cranbrook School

Project Title: The Effects Of Temperature On The Rate Of Rust Formation On Metal

Year 9 to 10 Scientific Investigations - Chemistry

Dear Frederick,

Congratulations on being part of this year's Young Scientist Awards and for the thought, care, and originality you brought to your project. You've demonstrated genuine initiative in designing and carrying out your own ideas – an achievement that reflects both curiosity and persistence.

Our judges reviewed your project in detail, considering how clearly you explored your question, how well you supported your conclusions, and how effectively you communicated your process. Their feedback below highlights the aspects that were particularly strong and offers suggestions to help you extend your thinking even further – much like the peer review process used in professional research.

The strengths of your project include:

- having a large sample size providing greater reliability of results
- giving clear and concise explanations using scientific and/or mathematical models

Next time, you could make your project even better by:

- acknowledging all those who supported you and clearly outlining their involvement

Thank you for sharing your work with us, it is a testament to your growing capability as an investigator, communicator, and creative thinker. We hope this experience strengthens your confidence and inspires you to keep pursuing questions that matter to you..

A handwritten signature in black ink, appearing to read 'Philippa Miller'.

Philippa Miller

Young Scientist Coordinator