

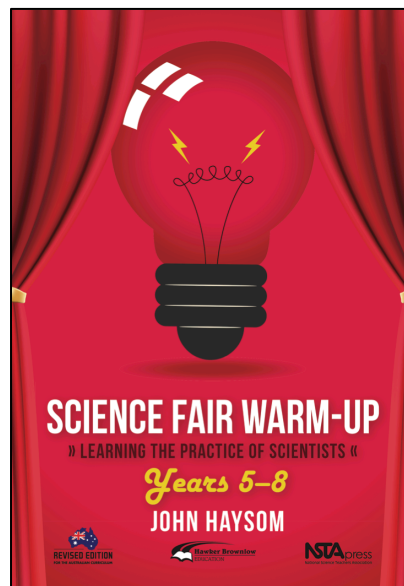
Science Fair Warm-Up: Learning the Practice of Scientists, Years 5–8

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Focus Area: Activities and Exercises,
Classroom Practice and Direct
Instruction, Critical and
Creative Thinking, Inquiry
Learning

Key Learning

Area: Cross-Curricular



Summary

This revised Australian edition of *Science Fair Warm-Up* strongly correlates with two of the three strands – Science as a Human Endeavour and Science Inquiry Skills – of the Australian Curriculum: Science, featuring comprehensive practice in making predictions, conducting experiments and reporting results in every activity. While the concepts in certain activities in this book specifically correlate with multiple content descriptions in the physical and chemical science sub-strands, every activity is underpinned by the Science as a Human Endeavour and Science Inquiry Skills content of the Australian Curriculum: Science.

This book, for Years 5–8, is particularly suited for those students who have not participated in a science fair before, as it lays the foundation for the ideas developed in the later books about the practices of scientists. Even students who have experienced science fairs will find many ideas about scientific practices that are new to them. In addition to offering original investigations, the book provides problem-solving exercises to help students develop the inquiry skills to carry the projects through.

Science Fair Warm-Up will prepare both you and your students for science fair success. But even if you don't have a science fair in your future, the material can help make your students more proficient with scientific research.

Supporting Resources

- *Science Fair Warm-Up: Learning the Practice of Scientists, Teachers Guide* (NST0996)
- *Science Fair Warm-Up: Learning the Practice of Scientists, Years 7–10* (NST1161)
- *Science Fair Warm-Up: Learning the Practice of Scientists, Years 8–12* (NST1178)