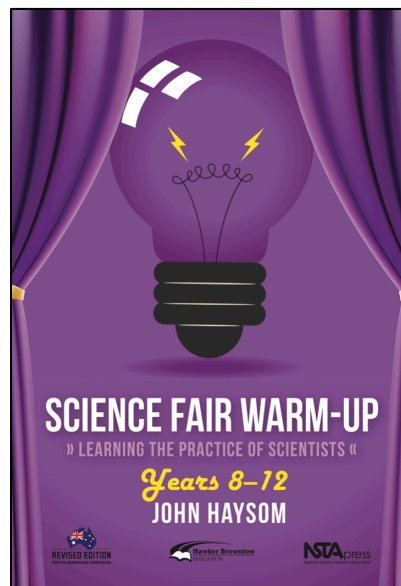


# Science Fair Warm-Up: Learning the Practice of Scientists, Years 8–12

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<b>Format/Page No.:</b>	A4, 80 pages
<b>Year Level:</b>	8–12, Teachers and Administrators
<b>Focus Area:</b>	Activities and Exercises, Classroom Practice and Direct Instruction, Critical and Creative Thinking, Inquiry Learning
<b>Key Learning Area:</b>	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 8–12, further develops the ideas about practice of scientists that were introduced in the first two books. In addition, many of the problems students will encounter are very challenging, so much so that the problems have been used with both Year 8 and tertiary-level graduates in field testing. As well as offering original investigations, the book provides problem-solving exercises to let students hone the inquiry skills to carry projects through independently.

*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 5–8* (NST1154)
- *Science Fair Warm-Up: Learning the Practice of Scientists, Years 7–10* (NST1161)