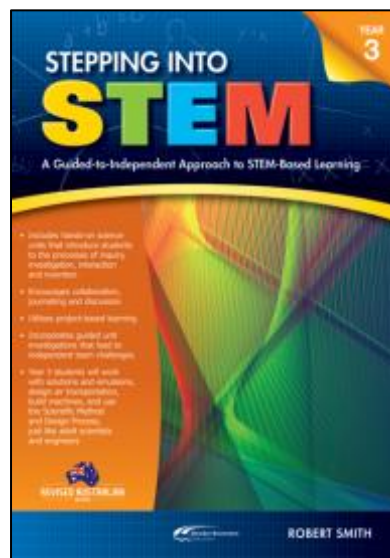


# Stepping into STEM, Year 3: A Guided-to-Independent Approach to STEM-Based Learning

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<b>Date Available:</b>	September 2017
<b>ISBN:</b>	978 1 76056 495 7
<b>Code/SKU:</b>	TCR4957
<b>RRP:</b>	\$49.95
<b>Format/Page No.:</b>	A4, 172 pages
<b>Year Level:</b>	Teachers and Administrators, Year 3
<b>Focus Area:</b>	Activities and Exercises, Classroom Practice and Direct Instruction, Inquiry Learning,
<b>Key Learning Area:</b>	STEM, mathematics, science, technologies



## Summary

These dynamic resources provide guided lessons to integrate project-based learning into your science, technology, engineering and maths lessons. Each unit provides background information for teachers and students and moves from teacher-directed activities toward more open-ended activities. The culminating activity in each unit allows students to design their own unique “invention” or conduct an experiment of their own creation. Students will be challenged to work collaboratively, using a process that helps them “step into STEM” with greater competence and confidence. In *Stepping into STEM: Year 3*, Year 3 students will learn about sound by designing megaphones and guitars, understand the properties of air by building and working with helicopters, examine the applications of machines in school and real life, and explore chemistry practices with capillary action and invisible ink.

## Other Resources

- *Stepping into STEM, Year 4: A Guided-to-Independent Approach to STEM-Based Learning* (TCR4964)
- *Stepping into STEM, Year 5: A Guided-to-Independent Approach to STEM-Based Learning* (TCR4971)
- *Stepping into STEM, Middle Years: A Guided-to-Independent Approach to STEM-Based Learning* (TCR4988)
- *Picture-Perfect STEM Lessons, F-2: Using Children’s Books to Inspire STEM Learning* (NST3646)