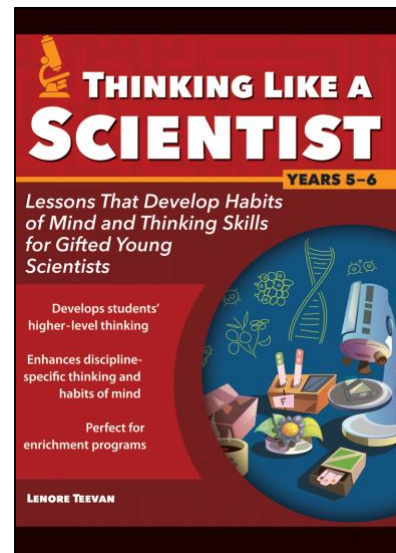


# Thinking Like a Scientist: Lessons that Develop Habits of Mind and Thinking Skills for Gifted Young Scientists in Years 5–6

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**Focus Area:** Activities and Exercises, Critical and Creative Thinking, Inquiry Learning, Gifted and Support  
**Key Learning Area:** Cross-Curricular, Science



## Summary

*Thinking Like a Scientist* focuses on high-interest, career-related topics in the primary curriculum related to science. Students will explore interdisciplinary content, foster creativity and develop higher-order thinking skills with activities aligned to relevant learning area standards.

Through inquiry-based investigations, students will explore what scientists do, engage in critical thinking, learn about scientific tools and research, and examine careers in scientific fields.

*Thinking Like a Scientist* reflects key emphases of curricula from the Center for Gifted Education at William & Mary, including the development of process skills in various learning areas and the enhancement of discipline-specific thinking and habits of mind through hands-on activities.

*Thinking Like a Scientist:*

- develops students' higher-level thinking
- enhances discipline-specific thinking and habits of mind
- perfect for enrichment programs.

## Other Resources

- *Thinking Like a Geographer: Lessons that Develop Habits of Mind and Thinking Skills for Gifted Young Geographers in Years 2–3* (PRU9754)
- *Thinking Like a Mathematician: Lessons that Develop Habits of Mind and Thinking Skills for Gifted Young Mathematicians in Years 3–4* (PRU9761)
- *Thinking Like an Engineer: Lessons that Develop Habits of Mind and Thinking Skills for Gifted Young Engineers in Years 4–5* (PRU9785)