

Building a High School Math Research Curriculum

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SUGGESTED RESOURCES

1. **Mathematics Teacher** back issues. NCTM members have free access to PDFs of back issues. Contact retiring teachers to see if they would donate their hard copy libraries of back issues.
2. **Writing Math Research Papers: A Guide for High School Students and Instructors Fifth Edition** by Robert Gerver, 2018. Information Age Publications; www.infoagepub.com.
3. rgerver@optonline.net. Contact Rob at this email address if you would like a copy of the PowerPoint slides sent to you via Dropbox.
4. **Developing Mathematical Reasoning in Grades K-12 (NCTM 1999 Yearbook)** Chapter 17.
5. **Developing Mathematically Promising Students**. Chapter 23. NCTM 1999.
6. **Proofs Without Words: Exercises in Visual Thinking I and II** by Roger B. Nelsen.
7. <https://rgerver9.wixsite.com/mathresearch>. This site has two sample student research papers and a sample student PowerPoint presentation.
8. **Chevron Best Practices in Education Winners** 1999.
9. **Write On! Math: Note Taking Strategies that Increase Understanding and Achievement Third Edition** by Robert Gerver, 2018.
10. **Mathematics Teacher September 2017**. "Building a High School Math Research Curriculum" by Robert Gerver, and students Lauren Santucci and Hana Leventhal.
11. **CMC Communicator December 2018** "Communication Strategies that Enhance Teaching and Learning," by Robert Gerver.
12. **CMC Communicator March 2019** "Students as Authors: Using Writing Projects to Aid Understanding," by Robert Gerver
13. **These Other Journals:** *Math Horizons*, *PLUS Magazine (online only)*, *The Pentagon*, *Duodecimal Bulletin*, *Mathematics and Informatics Quarterly*, *Fibonacci Quarterly*, Your state's Math Teachers' Journal, *School Science and Mathematics*, *Journal of Recreational Mathematics*, *Mathematics Magazine*