

Carol Wooten

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EDUCATION

Middle School Mathematics Certification	2014
National Board Certification: Middle Childhood Generalist (renewed 2015)	2005
Master of Education (M.Ed.) Curriculum and Instruction: Development and Supervision <i>North Carolina State University, Raleigh, NC</i>	May 2004
Curriculum Instructional Specialist <i>North Carolina State University, Raleigh, NC</i>	May 2004
Academically Gifted (AIG) Certification	2000
K-6 Professional Educator's License <i>Meredith College, Raleigh, NC</i>	May 1998
Bachelor of Arts (English) Minors: (1) Professional Communications and (2) Mathematics <i>Meredith College, Raleigh, NC</i>	May 1998

EXPERIENCE

Fifth Grade Math and Science Educator Hunter GT/AIG Magnet Elementary, Raleigh, NC	1998-Present
<ul style="list-style-type: none">• Design lesson plans, implement lessons, and develop assessments for fifth grade students• Differentiate instruction to meet the learning needs of students• Enhance math and science lessons with technology integration and project-based learning• Design interactive slide decks to enhance instruction• Instruct Single Subject Acceleration (SSA) students in 6+ math content	

AWARDS AND HONORS

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| <ul style="list-style-type: none">• Presidential Award for Excellence in Science Teaching• National Board Certification: Middle Childhood Generalist• Kenan Fellow. Project: <i>Science Inquiry and Assessment</i>• Shell Science Award National Semi-Finalist: Top Ten K-12 Science Educator in the United States• Nominee for National Magnet Teacher of the Year• WRAL "Teacher of the Week"• WTVD "Person of the Week" | <ul style="list-style-type: none">• Hunter GT/AIG Magnet Elementary Teacher of the Year• Wake County Teacher of the Year Finalist• <i>School Connection</i> (Wake County) education television program featured educator• Feature story in the NCSU Chancellor's Report about best practices• Wake County Public Schools audio podcast on engaging instruction• Science consultant on the education panel for <i>OpenNet</i>, a live cable television program• WRAL feature news story on science education and the Presidential Award |
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PRESENTATIONS

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| <ul style="list-style-type: none">• Technology across the curriculum "Engineering Showcase", Meredith College, NCAEE Region 3 Conference• Differentiating Instruction for Gifted Learners, Meredith College Education Conference• Science Notebooks and Vocabulary Building | <ul style="list-style-type: none">• PowerSchool staff coordinator for professional development at Hunter Elementary• Independent consultant for Science Notebooks and Academic Vocabulary Strategies• Professional development presenter for science inquiry instruction |
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- Local, state, and national science notebook trainer
- “Strategies for a Successful Science Night”
- “Science End of Grade Test Strategies” developer and presenter
- Presenter for science vertical alignment and questioning strategies
- Professional development trainer at the North Carolina School of Science and Mathematics

- (NCSSM) on science inquiry kits and best practices in science instruction, co-presented Motion and Design, a conceptual physics content for fifth grade educators
- North Carolina Infrastructure for Science Education (NC-ISE) presenter for science kits and inquiry lesson models

PROFESSIONAL DEVELOPMENT

- Coordinated and attended statewide conferences for the NC Association of Elementary Educators (NCAEE) organization; led one regional conference at Meredith conference, and three virtual state-wide conferences
- National Science Foundation (NSF) PD Seminars, Washington, D.C.
- Open Up Math Training
- Science program committee promoting academic vocabulary
- North Carolina Association of Elementary Educators (NCAEE) Region 3 Conference
- Teacher Researcher Internship at North Carolina State University Mechanical and Aerospace Engineering, funded through a National Science Foundation grant
- NC Association of Elementary Educators Conferences
- Science Olympiad coaches training
- *Influencer* training seminars
- Langford Quality Tools Seminar
- Science Item Writer’s Training

LEADERSHIP

- Presidential Awards for Excellence in Science Teaching state selection committee
- Mentor for Beginning Teachers
- Science Olympiad coach (300+ additional hours)
- NC Association of Elementary Educators:
 - 2021-2022 President
 - Executive board member, North Central Region 3 Director, conference committee chairperson (organized local conference and two statewide conference, student involvement committee chairperson, scholarship committee chairperson)
- Family Science Night Coordinator (Hunter GT/AIG Magnet Elementary, over 800 attendees)
- Wake County Steering Committee and Leadership Team member
- Wake County Science Adoption Committee
- Fifth Grade Leadership Chairperson
- Cub Scout den leader, instructs requirements with a focus on STEM
- Developer of online games and website for teacher and student use, <http://carolwooten.weebly.com> (website link)
- Blog about organizing a Family Science Night event was published for Laura Candler’s international site, *Corkboard Connections*)

PUBLICATIONS AND CURRICULUM DEVELOPMENT

- Blog post on inquiry science and science notebooks, “Inquiring Minds Want to Know” on *Teacher Resources* site), over 5,000 views
- Curriculum: “Introduction to Engineering”, math and science curriculum designed through a National Science Foundation (NSF) grant, updated annually
- Motion and Design and Human Body Systems C-MAPP units
- Designed Google slide decks for all fifth grade science units and math concepts
- Developed a choice board for academic vocabulary for math and science content (fifth and sixth grade math, fifth grade science)
- Created math End-of-Grade (EOG) review materials—slide decks, check-in progress monitoring, interactive games
- Lesson plans and an online game for author of *What Bluebirds Do*, nationally acclaimed science expository text
- Developer of online curriculum-based games for math and science content