

# JOHN ENTWISTLE

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## Areas of Specialty

### Education Program Manager

#### Secondary Education

Earth Science, Matter & Energy (Physical Science) Teacher,  
Computer Science Teacher, and  
Science/Computer Science Resource Teacher

## Experience

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| November '02               | <b>Education Specialist for NASA Explorer Schools</b><br><b>Coordinator of the Goddard Implementation of the NASA Educator Astronaut Program</b>   |
| October '01<br>July 2, '01 | <b>Lead for Formal Education, NASA Earth Science Enterprise</b><br><b>Education Program Manager</b><br>Institute for Global Environmental Strategies (IGES)  |
| November '00               | <b>Member of Maryland Department of Education Advisory</b><br><b>Team for Revision of High School Science Core Learning Goals</b>  |
| November '99               | <b>Co-I GSFC Education Director's Discretionary Fund Grant</b><br>Production of video, <i>Our Home: Earth From Space</i>   |
| September '99              | <b>NASA Goddard Space Flight Center Education Programs IPA</b><br>Project Manager: Earth System and Space Science<br>Curriculum development, teacher support and training,<br>and implementation   |
| Fall '98                   | <b>Maintained Computer Network (Novell), Damascus High</b>   |
| Summer '97, '96            | <b>MCPS Teacher Trainer for "Global Access"</b><br>PowerPoint  |
| Spring '97                 | <b>Teacher Trainer for Fractal Design</b><br>Painter 4 (Richmond, VA school system)  |
| Fall '96                   | <b>Teacher Trainer at Damascus High School</b><br>Web Page construction  |
| Summer '96 and '95         | <b>Instructor: NASA/UMCP MAPS-NET project</b><br><b>Trainer: MCPS Technology Applications in Science Workshop</b><br>for MCPS elementary science teachers  |
| 1994 - 1995<br>FY '94      | <b>Advisor for NASA/UMCP MAPS-NET project</b><br><b>Member Planning Team for Damascus High School renovation</b><br>(Science suite and Computer Science suite)   |
| March '84                  | <b>Presenter at Countywide Art Teachers' Meeting</b><br>Use of computer in the classroom   |
| FY '84                     | <b>Chosen Science Resource Teacher, Damascus High School</b><br><b>Develop/Implement MCPS Instructional Technology Course</b><br>Introduction to BASIC programming (IT-07B)<br>Use of Computer Graphics to Teach BASIC programming (IT-33) |
| Summer '83                 | <b>Participant NASA/UMCP Mission to Planet Earth</b><br>meteorology/remote sensing   |
| FY '82                     | <b>Selected as MCPS Teacher Specialist in Secondary Science</b>  |

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## Awards & Recognitions

	<b>Summer '81 and '82</b>	<b>Guest Professor for Summer Institute for Teachers</b> Use of computers in Science Critical Thinking
<b>July 2001</b>		<b>NASA Goddard Space Flight Center Certificate of Recognition</b>
<b>1997</b>		<b>Recognized for Exemplary Technology Instruction</b> MCPS Instructional Technology Support Team
<b>1995 - 96</b>		<b>Selected as Outstanding Educator</b> Damascus High School students
<b>1995</b>		<b>Selected as Outstanding High School Educator</b> Frostburg State University, Phi Eta Sigma
<b>1988</b>		<b>Review Team</b> National Geographic, "The Weather Machine"
<b>April 1985</b>		<b>Outstanding Science Educator in the Greater Washington Area</b> by Joint Board on Science and Engineering Education
<b>June 1985</b>		<b>Outstanding Science Teacher</b> , Washington Academy of Sciences
<b>1984</b>		<b>Letter of Commendation</b> Beverly Sangston, MCPS Department of Computer-Related Instruction
<b>1984</b>		<b>Reviewer, <u>Nutri-bytes</u> Magazine</b> Center for Science in the Public Interest
<b>1983</b>		<b>Reviewer, <u>Electronic Learning</u> Magazine</b>
<b>1982</b>		<b>Presenter, National Educational Computing Conference</b>

## Memberships & Offices

<b>2001</b>	<b>Member Association for Supervision and Curriculum Development</b>
<b>2000</b>	<b>Member National Earth Science Teacher's Association</b>
<b>1989</b>	<b>Project coordinator</b> Potomac Edison Company Computer Initiative
<b>1989</b>	<b>Vice President</b> Montgomery County Science Teachers Association
<b>1985 - 1987</b>	<b>Member Science Task Force for Montgomery County</b>
<b>1983</b>	<b>Curriculum Task force member</b> Maryland State Department of Education
<b>1982</b>	<b>President</b> Montgomery Area Science Fair Association
<b>1981</b>	<b>Secretary</b> Montgomery Area Science Fair Association

## Education

<b>September 1970</b>	MCPS Inservice Courses Master's Equivalency + 30 University of Maryland Western Maryland College California State College, BS, Secondary Education California, Pennsylvania
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## Military Experience

<b>February '71</b>	<b>U.S. Army: Missile Control &amp; Command</b> Honorable discharge
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