



Robin Ellwood

Robin Ellwood has been teaching science at Rye Junior High School for 24 years. She currently teaches 8th grade science. Robin's eighth grade science curriculum includes topics in biology, earth science, and physical science. She strives to have students learn science by being actively engaged in authentic, and inquiry-based, applications of the scientific concepts learned in the classroom. Students design and implement investigations, participate in engineering challenges, and work with community members to address local issues. Her students have built an underwater, remotely operated vehicle that was successfully deployed in Antarctica, and are currently installing a remotely operated surveillance camera to study biological, physical, and environmental dynamics within a secluded wetland ecosystem. Robin has received numerous grants, totaling in excess of \$45,000 to support innovative projects and opportunities for students.

Robin has presented at local, regional, and national conferences on topics ranging from technology use in the classroom, incorporating cooperative learning and inquiry-based practices in the classroom, and describing her experiences on four deployments to Antarctica with polar scientists.

Robin earned a B.A. in zoology, a M.Ed. in science education, and a Ph.D. in science education. Robin is certified in general and biological science for grades 6–12.

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