

Discovery Bottles

GRANT RECIPIENTS

Susan Winn

North Syracuse Central School
Roxboro Road Elementary School

swinn@nscsd.org

PROGRAM DESCRIPTION

Children are naturally curious about the world. Discovery Bottles are activities designed for individual and small group exploration of math and science concepts. Discovery Bottles encourage the development of observation skills, predictability, scientific concepts and thinking skills.

NYS STANDARD

Standard 3: Mathematics
Standard 4: Science
Standard 6: Interconnectedness
Standard 7: Interdisciplinary
Problem Solving
Standard 1: Language Arts

GRADE LEVEL

Second Grade

STUDENTS SERVED

20 students

STUDENT OUTCOMES

Students were able to define and use science and math vocabulary when explaining what they had discovered using the bottles. The children demonstrated an increase in math and science scores and interest as they used the discovery bottles during the year. The children loved the bottles and often made their own at home to bring and share with their friends.