

**EXCELLENT (SILVER MEDAL) AWARDS  
VERMONT STATE SCIENCE & MATH FAIR–2010**

| <u>Name/School</u>                                       | <u>Grade</u> | <u>Project</u>   |
|--|--------------|--|
| <b>Stephanie Carmichael</b><br>South Burlington High Sch | 10           | Test for Toxicity in Soil  |
| <b>Ashley Frizzell</b><br>South Burlington High Sch      | 10           | The Effects of Mulch on Plant Growth   |
| <b>Chloe Golonka</b><br>Main Street Middle School        | 7            | The affect of increased levels of carbon dioxide on plant growth.                          |
| <b>Jordan Kazmierczak</b><br>South Burlington High Sch   | 10           | Predatory Responses of Philodendron cordatum   |
| <b>Twyla Marr</b><br>Rutland High School                 | 11           | Dirty Snow: The Effects of De-Icing Agents on Growth                                       |
| <b>Keli McLellan</b><br>Northfield Middle HS             | 11           | The Effect of 1, 2, and 3 teaspoons of Vermiculite in 6 ounces of Soil on the Height of Be |
| <b>Alex Duchac</b><br>The Renaissance School             | 5            | DNA: What Part Of A Plant Has The Most DNA?  |
| <b>Neharika Khandavalli</b><br>South Burlington High Sch | 10           | The Effects of Water Purification Methods on Bacteria level                                |
| <b>Zach Ward</b><br>Northfield Middle HS                 | 11           | The Effect of 0.02, 0.04, 0.06, 0.08, and 0.1 milligrams of Sodium Benzoate, Propionic Aci |
| <b>Ian Greenbaum</b><br>South Burlington High Sch        | 10           | Gatorade and Athlete Performance   |
| <b>Garrit Anderson</b><br>Rutland High School            | 11           | Luminol Reactions Involving Chemiluminescence  |
| <b>Pierrette Lumumba</b><br>St. Francis Xavier School    | 8            | Apples to Liquids  |
| <b>Warren Ouellette</b><br>The Renaissance School        | 6            | Oobleck: Cornstarch and Water  |
| <b>James Wells</b><br>St. Francis Xavier School          | 7            | Water and Its Qualities  |
| <b>Kathleen Young</b><br>Mater Christi School            | 7            | Feeling Full? It's the Fiber   |
| <b>Aya AL-Namee</b><br>South Burlington High Sch         | 11           | The different levels of total suspended solids in water from different environments        |
| <b>Rebecca Goldberg</b><br>South Burlington High Sch     | 11           | Comparing Phosphate Levels In Streams Between Urban and Forested Areas                     |
| <b>Kelly St. Marie</b><br>St. Francis Xavier School      | 8            | Pick Up The Slick  |
| <b>Alexis Avonda</b><br>Christ the King Burlingto        | 7            | Can The Ground Bring it Down?  |
| <b>Madeline Limanek</b><br>Christ the King Burlingto     | 7            | Can The Ground Bring it Down?  |

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| <b>Muriel Chase</b><br>Green Mountain Union High        | 8  | You Won't Slip if You Have Traction                         |
| <b>Catie Tyrell</b><br>Green Mountain Union High        | 8  | You Won't Slip if You Have Traction                         |
| <b>Michael Napolitano</b><br>Rutland High School        | 11 | Which Programming Language Performs the Fastest?            |
| <b>William Bright</b><br>South Burlington High Sch      | 11 | Security of Networks  |
| <b>Henry Harder</b><br>The Renaissance School           | 5  | The Mystery of the Airplane Wing                            |
| <b>Patrick Asselin</b><br>Homeschool                    | 8  | Pipe Insulation   |
| <b>Liam Fagan</b><br>Rutland High School                | 11 | MPG Under Heat  |
| <b>Andrew Lemieux</b><br>Champlain Valley Union HS      | 11 | Reducing Phantom Power                                      |
| <b>Brittany Bissonette</b><br>Hinesburg Community Schoo | 8  | Childproof: Fact or fiction                                 |
| <b>Elizabeth Sartorelli</b><br>Mater Christi School     | 7  | Which teaching method is most effective for boys and girls? |