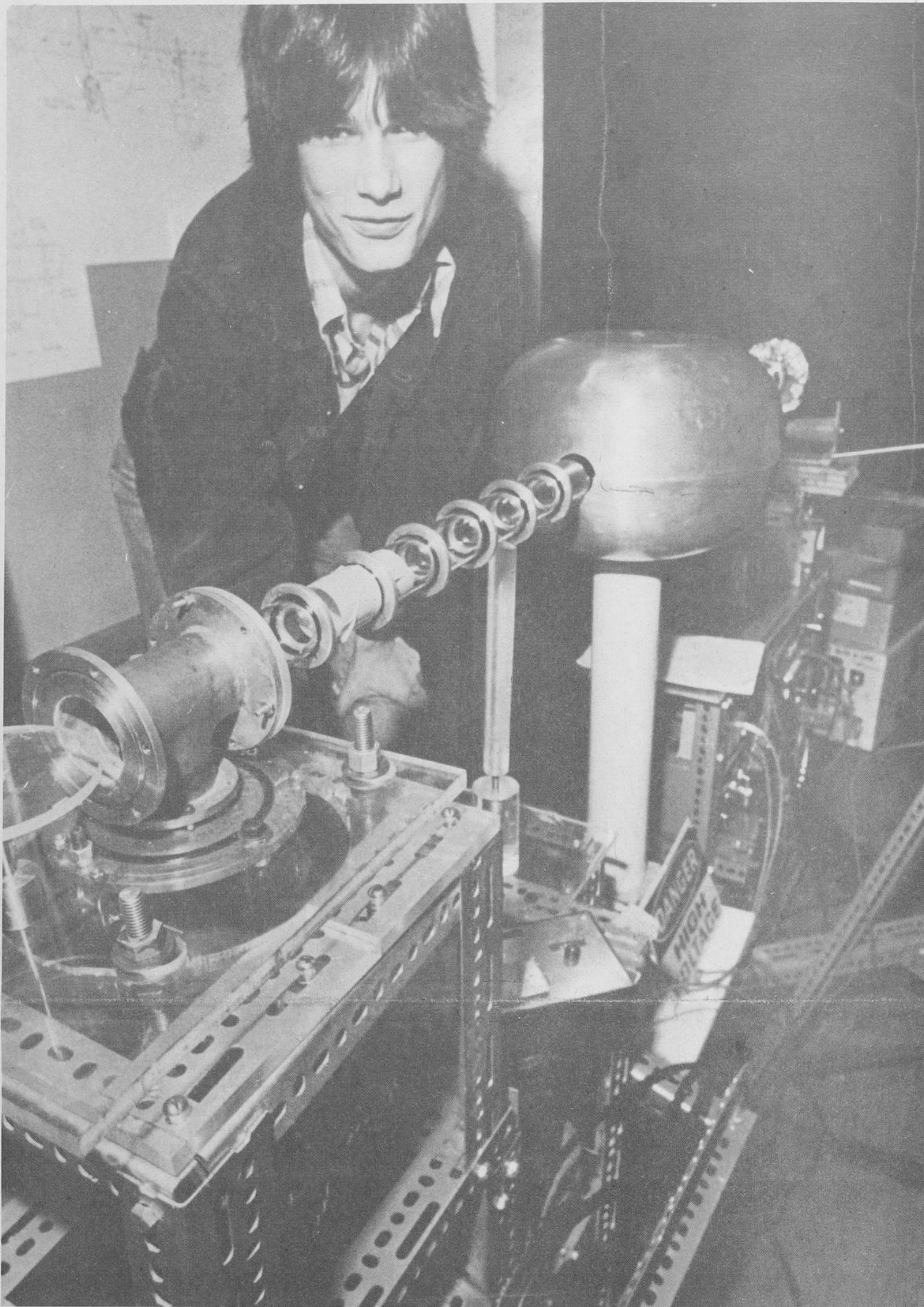


Big finish for '77 Science Fair



Accelerates to the top

Perennial winner, Peter Smereka, a Grade 12 student at Aurora high school, did it again this year with his electro static ac-

celerator. Not only was he first in his category — physical sciences, Grade 11-13 — but he was one of two grand winners,

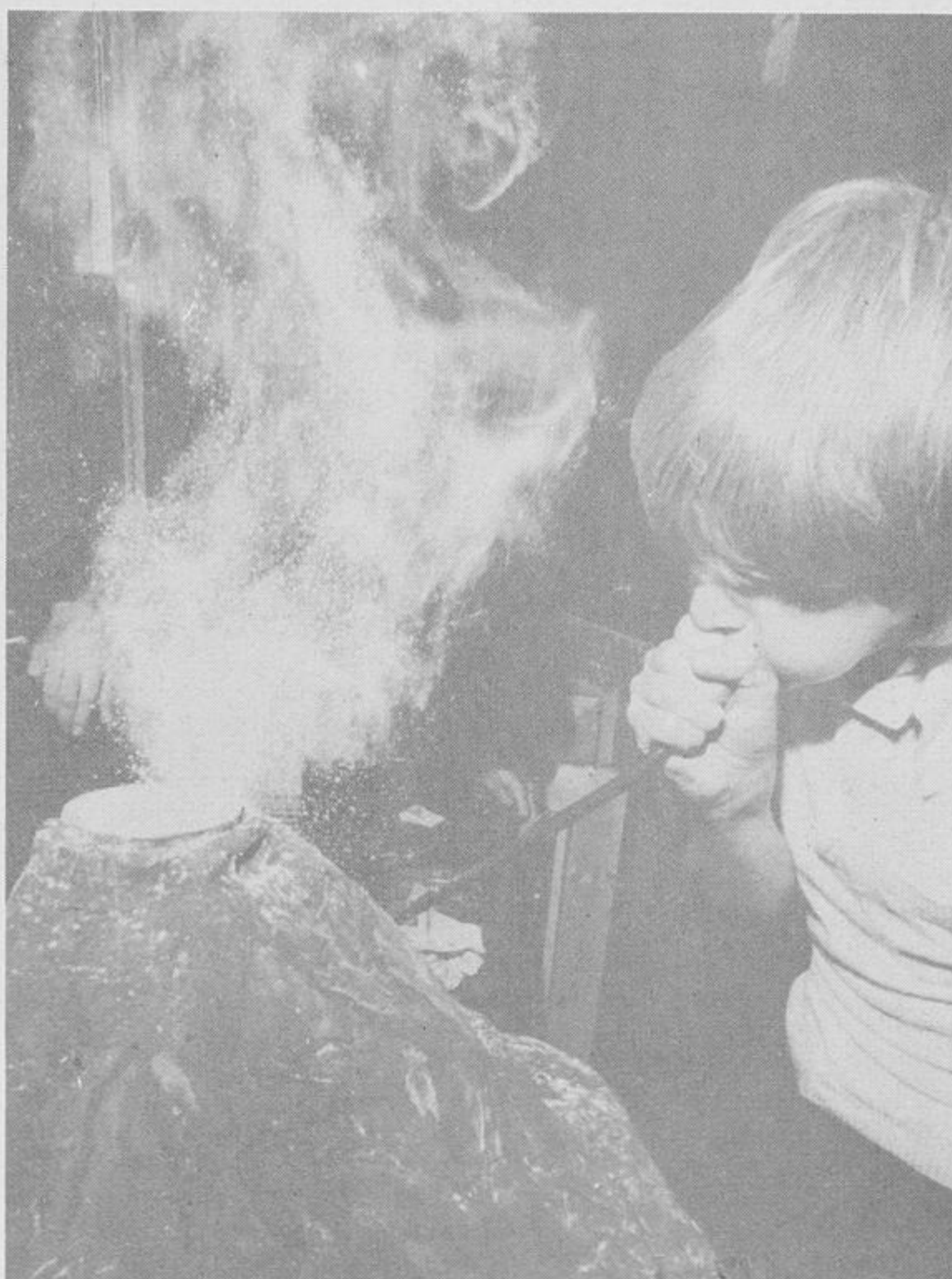
along with Vernon Stringer of Richmond Hill, in the York Region Science Fair finals at Bayview secondary school last weekend.



Heats it up

Phil Jones, a Grade 12 student at Thornhill secondary school, placed second with this model of a solar furnace in the Grade 11-

13 class. First prize winner was Peter Smereka of Aurora high school.



Fire and brimstone

Not all the volcanoes around are dormant. Proving there's life in a few of the old "gals" yet, is 13-year-old David Jensen of Mount

Albert public school. The Grade 8 student shows how the model he made spurts real fire.

RICHMOND HILL — It was business as usual as perennial winners Vernon Stringer of Richmond Hill, and Peter Smereka of Aurora, took the over-all honors at the York County science fair last week.

As a result, the two young students will journey to the Canada-Wide Fair at Victoria, B.C., in May to compete for dominion honors.

It will be the fourth such time that Stringer, a Grade 12 student at Bayview secondary school has made the trip.

Smereka, in Grade 12 at Aurora high school, will be competing for the third time.

Despite their wins, the high calibre of entries kept judges working until midnight on the final day, plus another hour the next day, before they came up with their choices.

Stringer and Smereka also won in their individual classes. Stringer, working in the life science category, took first with his project on the "comparative sensitivity of normal and malignant cells to different toxins."

Smereka won for his project on "electro-static accelerators" in the physical science class.

Another separate honor was taken by Courtney Wallis of Orchard Park public school in Whitchurch-Stouffville. He won the Metro Conservation Award for his fertilizer project.

Courtney also took first in the K-6 group in the environmental science category.

Students from throughout the region participated in the fair, which featured five categories: environmental science, physical science, group physical science, earth science and life science.

Here are the local winners in the various classes: Life science, K-6, 1 — Marcus Lem, The Brain, Roy H. Crosby, P.S., Markham; 2 — Stephen Ford, Hydroponics, William Armstrong P.S.; 3 — Stephen Ball, Onions, Langstaff; Honorable mention — Kevin Wright, James Robinson, P.S., Markham; Mike McGinn, Orchard Park; Susan Burch, Beverley Acres.

Grades 7-8, 1 — Marlene Dalziel, Mold, Nobleton Sr.; 2 — Giles Elliott, Adam Elliott, Life on the human skin, Summitview; 3 — Kathy Burt, Kim Picard, Child psychology, Notre Dame;

Honorable mention — Angela Peake, St. Robert's; Stephen DeFaria, Notre Dame; Maritess Graralez, St. Patrick's.

Grades 9-10, 1 — Greg Bond, Chris Little, Biological clocks, Markham District High School; 2 — Caroline Freibauer, Rosemary Thompson, Plants and their relation to sound, St. Robert's; 3 — Josie Privitera, Linda Westermann, What happens when KHO3 is added to polka dots; Honorable mention — Maureen O'Connor, Peridental bacteria.

Physical science, K-6, 1 — Scott Magnish, Nature's energies, R.H. Crosby; 2 — Dwight Lammers, Stornoway; 3 — Aimee Stricker, Stornoway; Honorable mention — Shan Tennyson and Lynn Freeman.

Grades 7-8, 1 — Brian Beck, Heat exchanger, Meadowbrook; 2 — Leslie Baker, Pendulums, Unionville P.S.; Paul Westerman, Electrolytes, John XXIII; Honorable mention — Chris Kovacs, St. Mary Immaculate; Theresa Kozik, John XXIII; Robbie Bristow, Baythorn; Andy Kveps, Meadowbrook.

Grades 9-10, 1 — Jamie Vins, Wave energy, Huron Heights. Honorable mention, Ian Matheson, Thornhill Secondary.

Grades 11-13, 1 — Peter Smereka, Electrostatic accelerator; Aurora High; 2 — Phillip Jones, Solar furnace, Thornhill Secondary.

Earth science, K-6, 1 — John Barrack, Solar heating, St. Patrick's, Markham; 2 — Steven Choland, Oil drilling, German Mills; 3 — Richard Atkinson, Weather instruments, Charles Howitt; Honorable mention — Howard Vanstone, Franklin.

Grades 7-8, 1 — Paul Hambleton, Identifying minerals, Royal Orchard; 2 — Kelly Shankland, Experimental control, John XXIII; 3 — Fiona Hollands, Minerals, St. Charles Garnier; Honorable mention — Mark Siharcki, James Robinson; Paul Lea, German Mills; Leo Ablett, MacKillop.

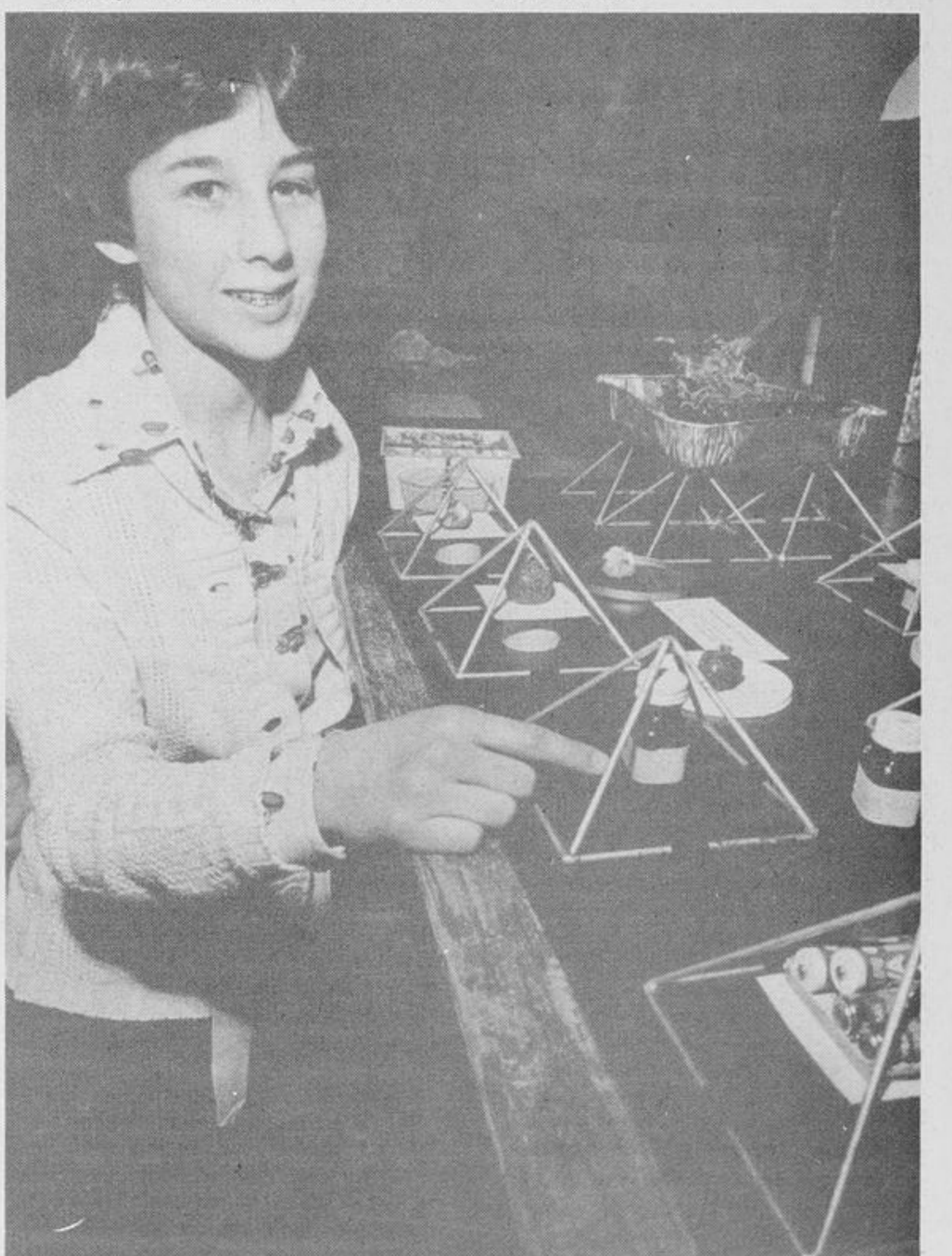
Grades 9-10, 1 — Michael Rosettis, Charcoal identification, St. Robert's. Group physical science, honorable mention — Riitta Frantilla, Margaret Premier, Baythorn.



Vertical propulsion

There's really nothing to it when you know how. And Tim Jackson, 12, a Grade 6 student at Langstaff public school, obviously knows how — both how

to put his helicopter together and how to get it off the ground. Tim's was one of the many entries in the York Region Science fair.



Pyramid power

Maybe it didn't work for Red Kelly and the Leafs last year in the Stanley Cup playoffs, but that didn't deter Jennifer Leeyus, 13, of St. Mary Immaculate school in Richmond

Hill, from trying her luck with it this year. Jennifer demonstrated her experiment with pyramid power at the Science Fair.

Photos by Bruce Hogg