

Fraser Valley Regional Science Fair Award Winners 2023

SPECIAL AWARD WINNERS:

Abacus Dental Centre Award

- Sukhmani Smagh: Dasmesh Punjabi School “The Germiest Places at School”
- Nazam Dhaliwal: Dasmesh Punjabi School “Schizophrenia”

Abbotsford-Mission Nature Club Award

- Loanna Affleck & Ayva Perras: Chilliwack Secondary School “The Health of Local Waterways”

Abbotsford/Sumas Rotary Club Award

- Harleen Khaira: Dasmesh Punjabi School “How long will Newton’s Cradle swing?”
- Gurmuskan Dhaliwal: Dasmesh Punjabi School “Ghosts”
- Arithika Kaur Grover: Dasmesh Punjabi School “Ringing Radiation”
- Rai Partap Singh Curry: Dasmesh Punjabi School “The Origin of Life”

AbCellera TechBio Award

- Sumeet Dhillon: Dasmesh Punjabi School “Differentiated Arthritis”

BC Agriculture in the Classroom Award

- Gurmannat Samra: Dasmesh Punjabi School “Recycling Greywater”

BC Game Developers Innovation Award (Grade 7-8)

- Raninder Litt: Dasmesh Punjabi School “Solar Powered Robot”

BC Game Developers Innovation Award (Grade 9-10)

- Mehtab Singh Rai: Dasmesh Punjabi School “Pneumatic Engines”

BC Game Developers Innovation Award (Grade 11-12)

- Navtaj Singh Sooch: Dasmesh Punjabi School “What happened to flying wings?”

BC Green House Growers’ Award

- Alex Thorburn: Chilliwack Secondary School “The effects of mechanical stress on plants”

BC Hydro Power Pioneers Award

- Gurmanav Brar & Saksham Sareen: Dasmesh Punjabi School “Solar Powered Multi Use Student Backpack”

BC Science Teachers’ Award

- Amraj Khangura & Mehtabinder Mondair: Dasmesh Punjabi School “How does music effect concentration?”

BC Young Farmers Award

- Gurmannat Samra: Dasmesh Punjabi School “Recycling Greywater”
- Alex Thorburn: Chilliwack Secondary School “The effects of mechanical stress on plants”

Dasmesh School Award - Secondary

- Mannat Dhillon: Dasmesh Punjabi School “Acids and the Rate of Corrosion”
- Pavit Sharma: Dasmesh Punjabi School “Earthquake Alarm”

Dasmesh School Award - Middle

- Prabhnoor Khangura & Jaisnavi Sidhu: Dasmesh Punjabi School “Does sugar affect blood glucose?”
- Eknor Panag: Dasmesh Punjabi School “Post Traumatic Stress Disorder”

Dasmesh School Award - Elementary

- Seerat Kaur Grewal: Dasmesh Punjabi School “Crystals”
- Seeret Bhatthal: Dasmesh Punjabi School “Balloon Powered Car”

Engineers & Geoscientists Award

- Justin Yu: R.E. Mountain Secondary School “Zap the lead problem!”

Fraser Valley Regional Science Fair Inspiration Award (Grades K-6)

- Garbina Virk: Dasmesh Punjabi School “Human kidney working model”
- Maggie Escaravage: Pitt Meadows Elementary School “A life changing experiment – How mud can save the day!”
- Jasmyn Kaur Litt: Dasmesh Punjabi School “Infinite clean energy? Nuclear fusion”
- Surveen Aulakh & Harnoor Dhaliwal: Dasmesh Punjabi School “What popcorn brand pops the best?”

Genome BC Award

- Jasmeet Sidhu: Dasmesh Punjabi School “How are LNPS crucial in the Covid-19 vaccine and in cancer cure?”
- Arshjot Kaur Brar & Manmeet Dhaliwal: Dasmesh Punjabi School “Fingerprint Analysis”

IQ Engineering Award (Grade K-8)

- Shaebaz Johal: Dasmesh Punjabi School “DIY Skateboard”
- Amritpal Gill & Jovan Samra: Dasmesh Punjabi School “Hydroelectric Dams”

IQ Engineering Award (Grade 9-12)

- Michael Thachuk: Chilliwack Secondary School “Pythagorean Cup 2.0”
- Justin Yu: R.E. Mountain Secondary School “Zap the lead problem!”

Julia Lane Award

- Loanna Affleck & Ayva Perras: Chilliwack Secondary School “The Health of the Local Waterways”

Langley Environmental Partners Society Award

- Loanna Affleck & Ayva Perras: Chilliwack Secondary School “The Health of the Local Waterways”

Michael Crooks Physics Prize – 1st Place

- Deepraj Singh Gill: Dasmesh Punjabi School “How does a commercial jetliner function?”

Michael Crooks Physics Prize – 2nd Place

- Ekjot Gill & Eknor Gill: Dasmesh Punjabi School “Static Electricity”

Pat Tracey Innovation Award

- Anahat Hundal: Dasmesh Punjabi School “Candle Carousel”

Sanofi Biogenius Canada Award

- Harjas Kanwar: Dasmesh Punjabi School “Chromatic Conundrum: Investigating the Effects of Colors on Perception and Emotion”

Society for Canadian Women in Science & Technology (SCWIST) Award

- Xauni de Figueiroa: W.J. Mouat Secondary School “Garbage dust solarshield”

UFV Agriculture Technology Award

- Alex Thorburn: Chilliwack Secondary School “The effects of mechanical stress on plants”

UFV Biology Award (Grade K-8)

- Agam Samra: Dasmesh Punjabi School “Jaw Dropping Forensics!”

UFV Biology Award (Grade 9-12)

- Gurleen Bhogal & Gurnoor Litt “*Fluoxetine: Declassified*”
- Rai Partap Singh Curry: Dasmesh Punjabi School “Origin of Life”

UFV Chemistry Award

- Seerat Kaur Grewal: Dasmesh Punjabi School “Crystals”

Dean of Science Award (Grade K-6)

- Anahat Hundal: Dasmesh Punjabi School “Candle Carousel”

Dean of Science Award (Grade 7-12)

- Xauni de Figueiroa: WJ Mouat Secondary School “Garbage Dust Solarshield”

UFV Mathematics Award

- Michael Thachuk: Chilliwack Secondary School “Pythagorean Cup 2.0”

UFV Statistics Award

- Amraj Khangura & Mehtabinder Mondair: Dasmesh Punjabi School “How does music effect concentration?”

UFV Physics Award (Grade K-8)

- Parneet Buttar: Dasmesh Punjabi School “Newton’s Cradle”
- Sukhkirat Grover: Dasmesh Punjabi School “Electrifying with Solar Panels”

UFV Physics Award (Grade 9-12)

- Russ Sandhu & Chanvir Singh Kular: Dasmesh Punjabi School “Exploring other realities”
- Ramneek Singh: Dasmesh Punjabi School “Satellite”

Vancouver RASC Martha Pearse Award

- Ramneek Singh: Dasmesh Punjabi School “Satellite”

Women in Engineering & Geoscience Award

- Seeret Bhatthal: Dasmesh Punjabi School “Balloon Powered Car”
- Gurmannaat Samra: Dasmesh Punjabi School “Recycling Greywater”

Science World Class Trip Award

- Fateh Malhi: Blue Jay Elementary School “Solar Energy”