

Fraser Valley Regional Science Fair Award Winners 2024

SPECIAL AWARD WINNERS:

Abacus Dental Centre Award

- Sumeet Dhillon | The Increase – The Program: Heart Attacks | Dasmesh Punjabi School
- Maddi Ekelund | Prevalence of Hypermobility in adolescent athletes and non-athletic teens | Chilliwack Secondary School

Abbotsford-Mission Nature Club Award

- Sukhkirat Grover | Microbial Fuel Cell | Dasmesh Punjabi School
- Avneet Singh Sandhu | Life cycle of Plant and Photosynthesis | Dasmesh Punjabi School

Abbotsford/Sumas Rotary Club Award

- Kartar Sidhu | Slime Science! | Dasmesh Punjabi School
- Paramveer Singh Chahal | Tesla Coil | Khalsa School of the Valley
- Benjamin Morgan | Bioindicating Moss | Chilliwack Secondary School
- Dennis Golubev & Justin Yu | How successful is zinc oxide as a photocatalyst at removing C₁₃H₁₈O₂, or Ibuprofen from wastewater, with the greatest efficiency? | R.E. Mountain Secondary School

AbCellera TechBio Award

- Sukhnoor Kaur Brar | Mars Curiosity Rover | Dasmesh Punjabi School

BC Agriculture in the Classroom Award

- Jasreen Nahal | Food Wast | Dasmesh Punjabi School

BC Game Developers Innovation Award (Grade 7-8)

- Sukhnoor Kaur Brar | Mars Curiosity Rover | Dasmesh Punjabi School

BC Game Developers Innovation Award (Grade 9-10)

- Mndeeep Sandhu | Rubber Band Car | Dasmesh Punjabi School

BC Game Developers Innovation Award (Grade 11-12)

- Mannat Dhillon & Baljot Gill | Changing Lives with DIY Glasses | Dasmesh Punjabi School

BC Green House Growers' Award

- Garbina Virk | Global Warming | Dasmesh Punjabi School

BC Hydro Power Pioneers Award

- Jasmyrn Litt | Levitating Trains | Dasmesh Punjabi School

BC Nature Club Award

- Benjamin Morgan | Bioindicating Moss | Chilliwack Secondary School

BC Science Teachers' Award

- Ibadat Gill | Fab or Fake? Unveiling the Truth | Langley Fundamental Middle and Secondary School

Dasmesh School Award - Secondary

- Harleen Mahal & Mya Cheema | Wegener's Granulomatosis | Dasmesh Punjabi School
- Josna Jaiby | The Effects of different substrates on the growth of the oyster mushrooms | Chilliwack Secondary School

Dasmesh School Award - Middle

- Taran Sangha | Effect of Sleep Deprivation on the Human Body | Dasmesh Punjabi School
- Japji Mann & Guneet Uppal | Voice Control Lamp | Dasmesh Punjabi School

Dasmesh School Award - Elementary

- Ruhaani Khattra | Make Safe H₂O | Dasmesh Punjabi School
- Avneet Singh Sandhu | Life cycle of Plant and Photosynthesis | Dasmesh Punjabi School

Engineers & Geoscientists of BC Award

- Jasleen Gill & Jiya Toor | The Crazy Claw | Dasmesh Punjabi School

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

- Gurnoor Thind | Guess the Colour | Dasmesh Punjabi School
- Trisha Kaur & Simran Smagh | Vertical farming VS Regular farming | Dasmesh Punjabi School
- Jeevan Brar | Electric Motor | Dasmesh Punjabi School
- Harnoor Chohan | Integrated farming | Dasmesh Punjabi School
- Aaryan Dhillon | Elephant Toothpaste | Dasmesh Punjabi School

Fraser Valley Rose Farm Award

- Daya Mand | How does Soil Affect Water pH | Dasmesh Punjabi School

Genome BC Award

- Alexander Stenner & Jaxson Babuik | What Happens When You Get Sick with a Virus | Mission Elementary School
- Sidak Dial & Mankirat Kang | Cardiac Arrest vs Heart Attack | Dasmesh Punjabi School

IQ Engineering Award (Grade K-8)

- Jasmyrn Litt | Levitating Trains | Dasmesh Punjabi School

IQ Engineering Award (Grade 9-12)

- Manmeet Dhaliwal | ADHD vs PTSD | Dasmesh Punjabi School

Julia Lane Award

- Harjas Kanwar | FireSafe Frontiers: Wildfire Prevention Plan | Dasmesh Punjabi School

Langley Environmental Partners Society Award

- Benjamin Morgan | Bioindicating Moss | Chilliwack Secondary School

Michael Crooks Physics Prize

- Juliana Hilal | How does the Takeoff Angle of a Dancer's Trunk Affect the Height of a Grand Jete? | Chilliwack Secondary School

Pat Tracey Innovation Award

- Fateh Malhi | Expanding Our Horizons | Eugene Reimer Middle School

Sanofi Biogenius Canada Award

- Sukhkirat Grover | Microbial Fuel Cell | Dasmesh Punjabi School

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

- Gurveen Jawanda & Diljot Gill | Kaleidoscope | Dasmesh Punjabi School

UFV Agriculture Technology Award

- Jasreen Nahal | Food Waste | Dasmesh Punjabi School

UFV Biology Award (Grade K-8)

- Sanna Dhaliwal | Vitiligo | Dasmesh Punjabi School

UFV Biology Award (Grade 9-12)

- Manvi Sandhu | Stiff Person Syndrome | Dasmesh Punjabi School
- Maddi Ekelund | Prevalence of Hypermobility in adolescent athletes and non-athletic teens | Chilliwack Secondary School

UFV Chemistry Award

- Dennis Golubev & Justin Yu | How successful is zinc oxide as a photocatalyst at removing C₁₃H₁₈O₂, or Ibuprofen from wastewater, with the greatest efficiency? | R.E. Mountain Secondary School

Dean of Science Award (Grade K-6)

- Takdeer Butter & Seerat Grewal | Ischemic Heart Disease | Dasmesh Punjabi School

Dean of Science Award (Grade 7-12)

- Kaurasfia Randhawa | The Strength of an Electromagnet | Dasmesh Punjabi School
- Razzea Lampitoc & Andrew Bruce | Using Data to Predict Basketball Games | Chilliwack Secondary School

UFV Mathematics Award

- Ekjot Gill & Eknor Kaur Gill | Time Travel | Dasmesh Punjabi School

UFV Physics Award (Grade K-8)

- Paramveer Singh Chahal | Tesla Coil | Khalsa School of the Fraser Valley

UFV Physics Award (Grade 9-12)

- Juliana Hilal | How does the Takeoff Angle of a Dancer's Trunk Affect the Height of a Grand Jete? | Chilliwack Secondary School

UFV Statistics Award

- Razzea Lampitoc & Andrew Bruce | Using Data to Predict Basketball Games | Chilliwack Secondary School

Vancouver RASC Martha Pearse Award

- Kirandeep Dhillon | Tsunamis: Depth Vs Velocity | Dasmesh Punjabi School

Women in Engineering & Geoscience Award

- Jasleen Gill & Jiya Toor | The Crazy Claw | Dasmesh Punjabi School

Science World Class Trip Award

- Fateh Malhi | Expanding Our Horizons | Eugene Reimer Middle School

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DIVISIONAL AWARD WINNERS:

Recognition

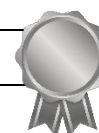
- **Harvinder Sing Gill** | Exploring Time Travel | Khalsa School of the Fraser Valley
- **Eknoor Gill & Angumvir Johal** | 6 Car Parts | Dasmesh Punjabi School
- **Bhavanret Bhullar** | Simple Walking Robot | Dasmesh Punjabi School
- **Kaursafia Randhawa** | The Strength of an Electromagnet | Dasmesh Punjabi School
- **Jasleen Kaur Bajwa & Avneet Kaur Jattana** | Crime Scene Chemistry | Khalsa School of the Fraser Valley
- **Parneet Bhangu** | Physiology of Hair (Different race, gender, age) | Dasmesh Punjabi School
- **Sumeet Dhillon** | The Increase – The Problem: Heart Attacks | Dasmesh Punjabi School
- **Josna Jaiby** | The Effects of different substrates on the growth of the oyster mushrooms | Chilliwack Secondary School

Bronze



- **Razzea Lampitoc & Andrew Bruce** | Using Data to Predict Basketball Games | Chilliwack Secondary School
- **Chanvir Kular & Russ Sandhu** | Conscious Machines: Myth or Reality | Dasmesh Punjabi School
- **Ekjot Gill & Eknoor Kaur Gill** | Time Travel | Dasmesh Punjabi School
- **Rana Aulakh & Mehtab Singh Rai** | Prosthetic Limbs | Dasmesh Punjabi School
- **Gurveen Jawanda & Diljot Gill** | Kaleidoscope | Dasmesh Punjabi School
- **Jaiveer Minhas & Tanjot Brar** | Investigating Factors affecting the Efficiency of Wind Turbines | Dasmesh Punjabi School
- **Ameet Gill** | Heart Rate Sensor | Dasmesh Punjabi School
- **Gurleen Bhogal & Gurnoor Litt** | Wellness Formula: Diet + Exercise + Sleep = Long Lifespan | Dasmesh Punjabi School
- **Mehtaab Shergill & Karun Singh Ark** | Anxiety and Humor | Dasmesh Punjabi School
- **Joban Sekhon & Parmpreet Brar** | Dopamine Drive | Dasmesh Punjabi School

Silver



- **Eliza Massy-Gashi** | The Effects of Electromagnetic Radiation on Plants | Chilliwack Secondary School
- **Jasmyn Litt** | Levitating Trains | Dasmesh Punjabi School
- **Jasleen Gill & Jiya Toor** | The Crazy Claw | Dasmesh Punjabi School
- **Deepraj Singh Gill** | The Physics of Compound Bows | Dasmesh Punjabi School
- **Navtaj Sooch & Gurbaz Singh Brar** | 3D Printing | Dasmesh Punjabi School
- **Mannat Dhillon & Baljot Gill** | Changing Lives with DIY Glasses | Dasmesh Punjabi School
- **Japandeep Gill & Metaab Khangura** | Save Time Park Here | Dasmesh Punjabi School
- **Maddi Ekelund** | Prevalence of Hypermobility in adolescent athletes and non-athletic teens | Chilliwack Secondary School
- **Arithika Grover** | Nanomedicine | Dasmesh Punjabi School
- **Arjshaan Randhawa** | Bipolar Disorder vs. Mood Swings | Dasmesh Punjabi School
- **Anayat Dhillon** | Electric Power Generator | Dasmesh Punjabi School
- **Gurmanav Brar & Saksham Sareen** | Solar Powered iPad | Robert Bateman Secondary School

- **Paramveer Singh Chahal** | Tesla Coil | Khalsa School of the Fraser Valley
- **Sukhkirat Grover** | Microbial fuel cell | Dasmesh Punjabi School
- **Kirandeep Dhillon** | Tsunamis: Depth Vs. Velocity | Dasmesh Punjabi School
- **Gurjivan Sidhu** | Hydro Power Through Robotics | Eugene Reimer Middle School
- **Benjamin Morgan** | The effects of pollution on moss as used as a bio-indicator | Chilliwack Secondary School
- **Ibadat Gill** | Fake or Fab? Unveiling the truth | Langley Fundamental Middle & Secondary School
- **Sukhshan Buttar & Fateh Beniwal** | Foot Catastrophe | Dasmesh Punjabi School
- **Juliana Hilal** | How does the Takeoff Angle of a Dancer's Trunk Affect the Height of a Grand Jete? | Chilliwack Secondary School

Gold

- **Xauni de Figueiroa** | Luminescence Dating | W.J. Mouat, Abbotsford
- **Denis Golubev & Justin Yu** | How successful is zinc oxide as a photocatalyst at removing C₁₃H₁₈O₂, or Ibuprofen from wastewater, with the greatest efficiency | R.E. Mountain Secondary School. Langley



**CONGRATULATIONS TO
ALL PARTICIPANTS!**

Thank you to our many sponsors!

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