

# The 2022 Hawaii State Science & Engineering Fair

## BROADCOM NOMINEES

SOFT-5063 | Project: Squeak

Aidan G. / Brandon K. / Anson L., Kaimuki Middle School

BMED-5803 | Testing the Effectiveness of Various Face Coverings

Amara L. / Sierra L., St. Andrew's Schools, Priory

EAEV-5526 | Measuring Air Particles and Particulate Matter

Brevin T., Kawananakoa Middle School

BCHM-5014 | The Effects of Increased Atmospheric CO<sub>2</sub> on Medicinal Plants

Brielle R. / Mio S. / Chloe L., Kaimuki Middle School

BEHA-5411 | The Effects of Walking Through a Crowded Place on a Heart Rate

Dari C. / Derrick F. / Kanon F., Stevenson Middle School

BMED-5323 | Which Mask Works Best?

Darwynn A., Kailua Intermediate School

ENMC-5868 | Let There Be Light!

Gavin L., Moanalua Middle School

MATS-5819 | Dew You Like Condensation?

James H., Hilo Intermediate School

EGSD-5268 | Photoelectrons: Increasing Yield with Textured Surface

Luka M., Kaimuki Middle School

EGSD-5822 | Energy from Nuts

Logan S., Hilo Intermediate School

ENEV-5824 | 'Aina Saver

Logan-Sophia K. / Mia P., Kaneohe Elementary School

ENMC-5833 | Toilet Purification

Lynda-Jean M., Kaneohe Elementary School

ENEV-5793 | Dog Compoopster

Mason A., Kaneohe Elementary School

MCRO-5816 | Effects of Essential Oils on Bacteria

Molly S., Hilo Intermediate School

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PHYS-5303 | Reviving Dead Tennis Balls  
Noah G., Kailua Intermediate School

PHYS-5523 | Another World  
Quinn M., Iao Intermediate School

PLNT-5823 | Effectiveness of Octadecanol and Hexadecanol for Prevention of Evaporation in Soil  
River F., Hilo Intermediate School

PLNT-5120 | Will Hydroponics Out-Blossom the Old?  
Sean Aivann Drew T., Washington Middle School

BEHA-5719 | Effects of Coping Skills  
Sophia Y., Saint Theresa School (Kauai)

PHYS-5884 | Falling with Style  
Thane O. / Reven O., Our Savior Lutheran School

ANIM-5810 | The Wings of Moths and Butterflies  
Vivian E., Hilo Intermediate School

CHEM-5096 | What Solutions Would Best Separate the Color Pigments in Candy Dyes?  
Xiomara P., Our Lady of Good Counsel School