

Synopsis Championship 2011 Master Project List

B98	061-110-1	Bot	Tatum Brown	Which Fruit Causes Other Fruits to Ripen Faster?
B96	061-130-6	Bot	Arsh Malhotra	What Is the Effect of Engine Oil on the Germination and Growth of Plants
B94	061-140-2	Bot	Amelia Belhocine	Effect of Acid Rain on Plant Growth
B90	061-160-7	Bot	Arushi Agarwal	Can Plants Grow Without Soil? Effect of Substrate on Plant Growth
B88	061-170-3	Bot	Gokul Kalyanasundaram	Investigating DNA Concentration of Various Parts of Fruits
B86	061-180-12	Bot	Grace Bernal	The Effect of an Outer Space Environment on Cinnamon Basil Seeds
B84	061-211-4	Env	Gabriella Medina	Going Green To Be Clean
B80	061-220-2	Env	Varun Venkatesh	What is the Best Method to Contain an Oil Spill?
B76	061-221-13	Env	Zahra Masood	Carbon Dioxide and Global Warming
B74	061-230-11	Env	Katarina Arild	Windbelt energy
B72	061-231-9	Env	Manush Mobarhan	Water Pollution in Bay Area Lakes
B70	061-240-7	Env	Emma Fontana	Organic vs Non-Organic Fertilizers: What is the Effect of Fertilizer Run off on Aquatic Life?
B68	061-241-5	Env	Janet Shea	The Effect Of The Crowding of Parent Plants On The Germination Rate
B66	061-250-3	Env	Rahul Salagame	Solar Greenhouse
B64	061-251-1	Env	Brittney Le	Tornadoes
B62	061-260-12	Env	Erica Navarro	Ladybug Pollution
B60	061-270-8	Env	Laura DeMassa	Water & Decomposition: Friend or Foe?
B58	061-271-6	Env	Marisa Gold	Swimming in Acid
B56	061-280-4	Env	Cassi Amsden	The Environmental Effects of Heavy Metals
B54	061-310-11	Zoo	Amulya Vadlakonda	Chromatic Adaptation
B52	061-320-7	Zoo	Matthew Colbert	Are Dogs Left, Right, or Ambidextrous?
B50	061-330-3	Zoo	Priya Sundaresan	Mutant Madness: Drosophila melanogaster Eye Pigments
B46	061-340-12	Zoo	Amrita Singh	The Effect of Different Pairings of Male and Female Crickets on chirps
B44	061-350-8	Zoo	Henry Zhang	The Guinea Pig in a Maze
B42	061-410-3	Soc	James Eichenbaum	What is the Relationship Between Fear and Age?
B40	061-420-12	Soc	Anya Thakur	Is It Black & White for You? Effect of Color on Reading Comprehension.
B38	061-440-4	Soc	Chirag Akella	Do You Believe in Home Field Advantage?
B36	061-510-8	Med	Patrick Moran	What Effect Does the Type of Video Game Have on Blood Pressure and Heart Rate
B34	061-520-4	Med	Bradley Seamons	Is Your Leg Really Stronger Than Your Arm?
B32	061-530-13	Med	Kaylee Gomex	Teeth Stains
B30	061-610-13	Bio	Ariana Flores	Can Spices Inhibit the Growth of Bacteria?
B28	061-620-9	Bio	Trevor McGall	Rotten vs. Fresh Fruit DNA Extraction
B26	061-630-5	Bio	Justine Knappenberger	The Effect of Yeast on the Decomposition of Fruit

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B24	061-640-1	Bio	Francesca Duncan	Bacteria Busters-Water Purification Methods
B22	061-650-10	Bio	Jesse Leonard	Can Bacteria Digest Polystyrene
B20	061-660-6	Bio	Vardhaan Ambati	Is Garlic an Anti-Bacterial Agent?
B18	061-670-2	Bio	Mallika Yeleswarapu	Too Salty? Optimizing Salt Concentration for DNA Extraction
B16	061-680-11	Bio	Andrea Tsai	Yeast Growth with Different Liquids
B14	061-690-7	Bio	Lynn Serizawa	What is the Fastest Way to Destroy RNA?
B10	061-710-5	Chem	Anna Pereira	Does Temperature Affect How Long a Soap Bubble Will Last?
B08	061-711-3	Chem	Toure Oliver	Glowing Water
B06	061-712-1	Chem	Jeremy Trilling	Does Milling Black Powder Accelerate its Combustion?
B04	061-720-1	Chem	Megan Visnaw	Do Fruits Lose or Gain Vit-C after Picking?
B02	061-721-12	Chem	Rahul Devarapalli	Rust Defense: Protecting Nails from Rust
B03	061-722-10	Chem	Maxine Cabrasawan	Melting Chocolate
B05	061-730-10	Chem	Jeevvanth Lota	How Fast Does An Alka Seltzer Tablet Make Gas?
B07	061-731-8	Chem	Allison Yuan	Apples & Vitamin C
B09	061-732-6	Chem	Anand Kulandaivelu	Water For All
B11	061-740-6	Chem	Akshay Prabhakaran	Effect of Water Hardness on Metal Corrosion
B15	061-741-4	Chem	Isam Awadalla	The Effect of Liquids on Chicken Bones
B17	061-742-2	Chem	Anais Bouyer	Orange Juice!
B19	061-750-2	Chem	Karthick Sivakumar	Synthesis Detergent Soap From Butter
B21	061-751-13	Chem	Tiffany Paolini	Freezer Burn
B23	061-760-11	Chem	Nilay Sawant	Effect of Temperature, Sunlight, and Microwaving on Vitamin C
B25	061-761-9	Chem	CJ Ajlouny	iGreen
B27	061-770-7	Chem	Clayton Moore	Do Sports Drinks Contain More Electrolytes Than Everyday Drinks
B29	061-771-5	Chem	Alyssa Conn	What is the Effect of Soda on a Marble Countertop?
B31	061-781-1	Chem	Jonathan Nguyen	The Ultimate Battery
B33	061-810-10	Phy	William Pramono	Cylinders, Spheres, Cubes; Which Swings the Longest?
B35	061-811-8	Phy	Benjamin Wa	How to Fly a Coconut Without the Aid of a Swallow
B37	061-812-6	Phy	Kieran Smith	Which Power Source Generates the Most Electricity?
B39	061-813-4	Phy	Seoyeon Choi	Motions of a Falling Paper
B41	061-814-2	Phy	Emmanuel Perez	Which Parachute Shape is the Best Design for Rocket Recovery?
B43	061-820-6	Phy	Tara Rodrigues	How Does Light Lift Weights?
B45	061-821-4	Phy	Erin Mittmann	Electromagnetic Launch!
B47	061-822-2	Phy	Akaash Tawade	How Does the Shape of a Tower Affect the Amount of Wind Speed it Can Withstand?
B51	061-823-13	Phy	Ishani Karmarkar	Pulleys - Diameter, Type and Angle of Effort
B53	061-824-11	Phy	Cameron Olechowski	An Overlooked Benefit of Solar Power
B55	061-830-2	Phy	Rishi Desai	Low Power AM Radio Transmitter
B57	061-831-13	Phy	Anish Seshadri	Dye Sensitized Solar Cells and Every Day Foods

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B59	061-832-11	Phy	Ryan Flores	If a Person Uses a Simple, Compound, or a Block and Tackle Pulley Can They Lift More Weight Than if They Don't Use One?
B61	061-833-9	Phy	Harry Vo	Best Energy Source: Solar or Wind?
B63	061-834-7	Phy	Aaron Schultz	Do Dimpled Rockets Fly Farther?
B65	061-840-11	Phy	Tejaswini Shekar	Hot or Cold? Insulating Effect of Materials
B67	061-841-9	Phy	Sneha Bhetanabhotla	A Study of Osmotic Energy
B69	061-842-7	Phy	Samantha Coelho	How Does Wind Speed Affect How Quickly an Object Cools?
B71	061-843-5	Phy	Genevieve Duflock	Sun Safety: How Effective is Sunscreen at Blocking UV Rays?
B73	061-844-3	Phy	Tyler Smith	Spoilers and Downforce on Cars
B75	061-850-7	Phy	Vincent Yu	Rubber Band Elasticity and Temperature
B77	061-851-5	Phy	Ruhi Buddharaju	Insulators: Which Material Has the Best Insulation Properties?
B81	061-852-3	Phy	Natnael Tsegai	How Do Magnetic Fields Affect the Rate of Flow of Water?
B85	061-853-1	Phy	Colton Donnelly	Friction on Ice (Which Print Has the Most Friction?)
B87	061-854-12	Phy	Jenica Paragas	Electric Generator
B89	061-860-3	Phy	Thomas Hakanson	Which is Stronger (in Terms of Tension): Nylon or Steel Guitar Strings?
B91	061-861-1	Phy	Keshav Kundassery	The Best Pulley Combination for Reducing Workload
B95	061-862-12	Phy	Michael Hand	An Experimental Study of Heat Transfer in An Incandescent Lamp
B97	061-863-10	Phy	Shivali Baveja	Does Heat Affect The Amount Of Electricity Generated In A Metal Conjunction?
B99	061-870-12	Phy	Christopher Yeh	Measurement of Potential Energy in Different Fuels
C98	061-871-10	Phy	Rohan Patel	Color's Effect on Solar Power
C96	061-872-8	Phy	Roxanna Hashemi	The Effect of the Length, Weight, Shape, and Material on Maximizing Wind Energy
C94	061-873-6	Phy	Peter Feghali	Launch Angle and Projective Trajectory
C90	061-880-8	Phy	Whitney Zhang	Will a Balloon That Has Been Inflated and Deflated Multiple Times with Helium Have a Greater Volume?
C88	061-881-6	Phy	Justin Tsin	Turbo Power: Vertical Axis Wind Turbines
C86	061-882-4	Phy	Ali Kamel	Electric Motor
C84	061-883-2	Phy	Hannah Meeks	Free Falling
C80	061-890-4	Phy	Skyler Hungerford	Which Angle of Photovoltaic Cells Produce the Most Electricity?
C76	061-891-2	Phy	Josef Orner	What Affects the Speed of a Pinewood Derby Racecar?
C74	061-892-13	Phy	Sanghavi Srinivasan	Which Material Has the Least Residual Magnetism?
C72	061-893-11	Phy	Bream Welch	What Type of Popcorn Pops the Most Kernels
C70	061-910-2	Ear	Arthi Iyer	Is Your House Safe on its Cliff?
C68	061-940-3	Ear	Veronica Pu	Soil Type Affect Its Ability to Absorb Liquid
C66	061-950-12	Ear	Maya Sankar	Earth's Energy
C64	061-A10-7	Eng	Rehan Durrani	Robo Emo

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C62	061-A11-5	Eng	Anoshi Singhal		Cutting Onions Without Crying
C60	061-A20-3	Eng	Balakumaran Balasubramanian		Hover Scooter
C58	061-A40-8	Eng	Forrest O'Connor		Can I Engineer a Cheap, Easy to Build Hydro-Powered Crane?
C56	061-A41-6	Eng	Tyler Naumann		From a Solar Powered Angle
C54	061-A50-4	Eng	Arnav Raha		Floating Wind Turbines
C52	061-A60-13	Eng	Nihar Mitra		Why Can't My Robot Walk Like Me?
C50	061-A61-11	Eng	Nicolas Bowes		Soda-Car
C46	061-A70-9	Eng	Bryon Tjanaka		Capacitive Proximity Sensors in a Toy Robot
C44	061-A80-5	Eng	Joshua Kang		Bridge Engineering
C42	061-A90-1	Eng	Eileen Hails		Which Bridge is Best?
C40	061-B10-12	Comp	Andrew Nguyen		Number Converting Website
C36	062-110-11	T Bot	Shashank Dholakia	Shishir Dholakia	Which Affects Transpiration the Most - Light or Temperature
C34	062-210-3	T Env	Madeleine Zetterquist	Katie Tomlinson	Oil Spill Cleanup
C30	062-220-12	T Env	Vandana Reddy	Kanika Seth	Goo Be Gone: Absorptivity of Different Sorbents to Clean Up Oil Spills
C28	062-310-8	T Zoo	Colin Dickerson	Matthew Schmidt	Fingerprints: Through the Generations
C24	062-420-9	T Soc	Gabriel Hyun	Kurt Lechner	How To Maximize Your Video Game Score
C22	062-520-1	T Med	Kayla Allen	April Olvera	Which Soda Will Break Down Teeth the Most?
C18	062-530-10	T Med	Nathan Milgram	Eitan Myron	Lung Capacity: What Matters?
C16	062-540-6	T Med	Ken Zhu	Jacob Roschelle	Do Video Games Affect Your Vision?
C10	062-710-2	T Chem	Ellen Evans	Tyler Gonzalez	Burn Baby Burn
C08	062-720-11	T Chem	Renee Radusewicz	Melina Luu	Fluoride Protection
C04	062-810-7	T Phy	Earvin Da Silva	Brenden Farrer	Which Material is the Strongest and Most Durable?
C02	062-820-3	T Phy	Shanaya Nagendran	Leila Scola	Shake, Rattle, and Roll: Effect of Hull Design and Density of Water on Stability of a Boat
C05	062-830-12	T Phy	Thomas Zhang	Murad Awad	Hull Shape and Viscosity Affecting Velocity
C07	062-840-8	T Phy	Abdullah Mohammed	Abdulsamad Mohammed	F=MA
C11	062-850-4	T Phy	Kaushik Tandon	Sepand Rouz	Battery Charging Characteristics: An Efficient iPod Battery Use Model
C15	062-910-12	T Ear	Juliet Barry	Jacqueline Andrews	Starry Night
C17	071-110-8	Bot	Josh Bassi		Are Laws Against Lead Keeping You Safe?
C19	071-111-6	Bot	John Cannon		Pesticides: Bug Killer Plant Dilipidator
C21	071-120-4	Bot	Deepthi Sampathkumar		Effects of Hydrogen Peroxide on the Germination Rate of Monocot Seeds Versus Dicot Seeds
C23	071-121-2	Bot	Kirsten Leong		Effect of Medicine on Plants
C25	071-130-13	Bot	Catherine Schwarzwaldler		The Effect of Interspecific and Intraspecific Growing on Corn and Bean Plants
C27	071-131-11	Bot	Ryan Werner		The Effect of a Smart Meter on Arabidopsis Plant Growth.

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C29	071-140-9	Bot	Shreyan Jain	Hydroponics vs. Aquaponics: Can Fish Wastes Provide Enough Nutrients to Sustain Plant Growth?
C31	071-180-6	Bot	Allie Pires	The Effect of Different Nutrients On the Mass of Duckweed Over 6 Days
C33	071-190-2	Bot	Garbiela Guillen	The Effect of Gibberellic Acid on the Growth of Wild-Type Plants Over 30 Days
C35	071-210-13	Env	Vineet Kosaraju	The Effect of Electrode Material on the Efficiency of a Microbial Fuel Cell
C37	071-211-11	Env	Trevor Filseth	Do Hydrogen Fuel Cell Cars Help Global Warming?
C39	071-220-9	Env	Anjini Karthik	Green Gold: Maximizing Algal Biomass Production of Chlorella and Scenedesmus for Use in Biofuel
C41	071-221-7	Env	Fatima Israr	Solar Heating
C43	071-231-3	Env	Anirvin Sikha	Effect of Solar Distillation on Water
C45	071-240-1	Env	Kelyn Wood	Air Temperature Affecting the Relative Amount of Wind Energy Produced by a Wind Turbine
C47	071-250-10	Env	Aishwarya Natarajan	Wasted Power
C51	071-251-8	Env	Joseph Kalb	Pond Study
C53	071-260-6	Env	Brianna Johnson	Which is More Efficient, a Darrieus or a Standard Windmill?
C55	071-261-4	Env	Akaash Venkat	Water Quality in the Heart of Silicon Valley
C57	071-290-7	Env	Maryam Baloch	The Ultimate Resource for Making Recycled Paper
C59	071-310-5	Zoo	Christopher McCain	What is the Effect of Light Exposure on Goldfish?
C61	071-320-1	Zoo	Esmeralda Castellanos	The Effect of Light on Worm Behavior
C63	071-410-10	Soc	Ashna Mangla	Multi-Tasking: Efficient, or Not?
C65	071-420-6	Soc	Jordan Moore	Do You Know the Muffin, Man?
C67	071-430-2	Soc	Andrew Sundaram	Multi-tasking: Efficient or Counterproductive?
C69	071-510-2	Med	Anin Sayana	A Novel Therapeutic Solution for Rheumatoid Arthritis Using TNF and c-Fms Targeted Tyrosine Kinase Inhibition with 2,4-diaminopyrimidine and Arnica
C71	071-520-11	Med	Evan Link	Gluten Wars
C73	071-530-7	Med	Manasa Venkatesan	Bad Breath Busters: Testing Effectiveness of Oral Hygiene Products
C75	071-540-3	Med	Ajay Jain	Comparison of the Effects of Xenobiotic Preservatives on <i>Raphanus sativus</i>
C77	071-550-12	Med	Melanie Kent	Bulimia: Negative Side Effects
C81	071-610-7	Bio	Katina Yong	Dissolving Eggshells
C85	071-611-5	Bio	Simone Von Kugelgen	Clean or Not Clean
C87	071-621-1	Bio	Isabelle Truong	Testing the Five Seconds Rule.
C89	071-631-10	Bio	Annika Koltermann	The Effects of Food Source on Yeast Growth
C91	071-640-8	Bio	Heather Samuels	What are You Texting With?
C95	071-641-6	Bio	Sahil Sandhu	Catalase Kinetics
C97	071-651-2	Bio	Arpita Singhal	Relative Protein Content of Milk from Several Species.

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C99	071-660-13	Bio	Ingrid Yeh	Moldy Strawberries
D98	071-661-11	Bio	Amrita Venkatraman	Drink This Instead: Investigating the Various Antioxidants of Different Teas
D96	071-670-9	Bio	Nuan-Yu Pan	Will High Gravity Field Induce Resistance of E-Coli to Antimicrobial Agents?
D94	071-671-7	Bio	Annie Kroo	The Effect of CO ₂ on Protists
D90	071-690-1	Bio	Abdurrahman Al-Shehabi	Osmosis and Tonicity
D88	071-711-10	Chem	Nithya Gundlapalli	Do You C? Testing Ascorbic Acid and Glucose Levels in Oranges
D86	071-720-8	Chem	Serena Patel	Burning Calories
D84	071-721-6	Chem	Nikhil Bopardikar	Cholesterol Busters!
D80	071-730-4	Chem	Manasa Susarla	Effect of Boiling on Vitamin C Content of Carrots
D76	071-731-2	Chem	Vaishali Prabhu	Rust, the Universe and Everything
D74	071-740-13	Chem	Rebecca Fraser	Gel Well: Which Additives Have The Strongest Gelatin
D72	071-741-11	Chem	Sarah Perry	Does the Temperature of Glass Affect the Appearance of Fingerprints? Fun with Forensics
D70	071-750-9	Chem	Omar Hamade	Effect of Different Electrodes and Electrolytes
D68	071-751-7	Chem	Julia Weber	Does Temperature Affect How Far Glue Solutions Stretch?
D66	071-760-5	Chem	Alexis Lopez	Corrosion, Iron, and Acids
D64	071-770-1	Chem	Karina Dandia	Does Using Hydrogen Peroxide to Lighten Hair Color Affect How the Hair Reacts to Humidity?
D62	071-790-6	Chem	Priya Choudhary	Biodiesel: How Viable?
D60	071-810-4	Phy	Jonathan Leung	The Optimum Size of Winglets
D58	071-811-2	Phy	Ethan Bair	Preventing Broken Bridges
D56	071-812-13	Phy	Murad Icel	Aerodynamics
D54	071-813-11	Phy	Vinay Ayyappan	Harnessing the Sun's Energy - Made Efficient
D52	071-820-13	Phy	Vera Ong	Experimenting with Solar Energy to Power Different Devices
D50	071-822-9	Phy	Brenden Pragasam	Did You Say Making Electricity?
D46	071-823-7	Phy	Arjun Ray	The Effect of the Number of Fans in a Wind Turbine on the Amount of Power it Produces
D42	071-832-5	Phy	Osama Badr	Bomb's Away! A Ping Pong Catapult
D40	071-841-3	Phy	Kentaro Tanaka	Improving Wind Turbine Efficiency
D38	071-842-1	Phy	Maya Miklos	Tire Pressure: Pump It Up!
D36	071-843-12	Phy	Mellissa Murphy	How Much Lift is Created with Different Types of Airplane Wings?
D34	071-850-1	Phy	Aleksandar Kalman	Pulleys, the Force Magnifiers
D32	071-851-12	Phy	Nicole Martin	The Effect Airfoil Shape Has on Flight Distance
D30	071-852-10	Phy	John Tierney	Will Changing the Type of Ground Support Affect Trebuchet Projectile Distance?
D28	071-853-8	Phy	Quang-Van Tran	Denims Are Not Equal: A Scientific Way to Select Denim Jeans

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D26	071-860-10	Phy	Shanmukh Kutagulla	Sound Proofing
D24	071-861-8	Phy	Dale Houtz	Will Changing the Size of Grains of Sand in a Pile of Sand change the angle of Repose?
D22	071-862-6	Phy	Evan Barlow	Does the Type of Material Placed in Water Affect How High Balsa Wood Floats in It?
D20	071-870-6	Phy	Paul Dennig, Jr.	From Concentrator to Tracker: An Innovative Solution
D18	071-871-4	Phy	Snigdha Banda	Watts Up With Torque! Multiple Rotors: "A Highly Efficient Windmill Design"
D16	071-872-2	Phy	Stephen Lee	Will the Time for a Helicopter to Land on the Ground Change When the Height Where the Helicopter Is Dropped is Changed?
D14	071-882-11	Phy	Athreya Steiger	Magnets and Thermal Energy
D10	071-890-11	Phy	Giulianna Pendleton	The Power of the Wind: The Effect of Blade Length on Energy Production
D08	071-891-9	Phy	Patrick Martsolf	Thermal Energy: Effect of Varying Air Temperatures on Balloon Circumference
D06	071-892-7	Phy	Jacob Powers	Does the Size of a Set of Skateboard Wheels Affect the Speed of a Skateboard?
D04	071-920-5	Ear	Andrew Shacker	Jupiter Talking
D02	071-930-1	Ear	James Wu	Energy Time
D03	071-A10-1	Eng	Arjun Patel	Veggie Power: Making Batteries from Fruits and Vegetables
D05	071-A11-12	Eng	Laura Ye	Solar Water Desalination
D07	071-A12-10	Eng	Sarita Kumari	Music Synthesis
D09	071-A20-10	Eng	Rahul Sarathy	How do Different Gear Drives Affect the Performance of How a Robot Climbs up a Slope
D11	071-A21-8	Eng	Nuha Ahmed	Intelligent Headlight System for Automobiles
D15	071-A22-6	Eng	Avni Singhal	Greener Cleaner Cars using Exhaust Filtering System (EFS)
D17	071-A30-6	Eng	Dorian Nguyen	Solar Powered Stove
D19	071-A31-4	Eng	Nicholas Davis	Wind Power for Suburban Homes
D21	071-A32-2	Eng	Aleezah Salmaan	Water Conservation
D23	071-A40-2	Eng	Tyler Pruitt	Foder
D25	071-A50-11	Eng	Saloni Gupta	Senselind
D27	071-A60-7	Eng	Gavin Shaw	Magnetically Propelled Car
D29	071-A70-3	Eng	Dillon McFarland	Operation Arm Length
D31	071-A71-1	Eng	Lena Shamseldin	How to Choose the Right Bricks for a Building
D33	071-A80-12	Eng	Neha Dhayanand	Muscle Power to Electric Power
D35	071-A81-10	Eng	Rahul Rameshbabu	Eco-Friendly Smart Parking System
D37	071-A90-8	Eng	Maya Varma	Brake Time: A Smart Traffic Alert and Control System for Manually-Controlled and Autonomous Vehicles
D39	071-A91-6	Eng	Meghal Gupta	Wireless Electricity Transfer
D41	071-B10-6	Comp	Radhika Mardikar	Scanpay

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D43	071-B20-2	Comp	Shrey Desai			Java Script Sudoku Solver/Checker
D45	071-B30-11	Comp	Feroz Abbassi			Turbo Wi-Fi
D47	071-B40-7	Comp	Morgan Zellers			Rabbit Color Allele Program
D53	072-110-5	T Bot	Samantha Dolan	Bailee Bearden		Genetic Transformation: Expression of Green Florescent Protein in Flower Petals
D55	072-120-1	T Bot	Kylie Kuwada	Katerina Cade		How Does the Fungus Pilobolus Spore-Cannon Respond to Different Light Conditions
D59	072-130-10	T Bot	Kaitlyn Lombardo	Isabella Tomasello		What is the Effect of Temperature and Bleach on the Growth Speed of Physarum Polycephalum (Slime Mold)?
D61	072-160-11	T Bot	Ashley Yount	Tiffany Wang		Ultraviolet C Light's Affect on Mung Bean Roots
D65	072-170-7	T Bot	Angela Vivas	Kaylee Rosa		Worm By Worm
D69	072-210-10	T Env	Avinash Arjavalingham	Suneel Belkhale	Aditya Vempaty	The Effect of Fiber Type on the Collection of Pollen
D71	072-211-8	T Env	Neel Manthani	Marcus Loe		The Rate of Decomposition for a Pumpkin Piece Decomposed by Two Worms Compared to Decomposed by a Mushroom Over 18 Days
D75	072-220-6	T Env	Alea Furushiro	Olivia Vanni		What is the Effect of Environmental Pollutants on Daphnia magna and Elodea?
D77	072-230-2	T Env	Anu Arjavalingham	Meera Rachamalla		The Effect of Petroleum on the Photosynthesis of Scenedesmus Algae
D85	072-231-13	T Env	Rachel Mandelstam	Aayushi Mathur		The Amount of Biogas Created By Combining Different Substances With Cow Manure and Water
D89	072-240-11	T Env	Tiffany Chan	Shreya Tatkar		Sticky Situations: Effect of Oil Spill on Plants
D91	072-241-9	T Env	Priyanka Pabari	Supriva Agarwal		Which Detergent Removes Oil Off Feathers the Best?
D97	072-250-7	T Env	Eesha Patel	Megha Mallya		Biomass to Biofuel
D99	072-251-5	T Env	Jasmine Liu	Priyal Patel		Oil in My Home
E96	072-270-12	T Env	Aditi Mittal	Saarini Madhava		Toxic Ground : The Effect Of Phthalates On the Growth of Plants
E94	072-290-4	T Env	Henry Lee	Justin Luu		Filtering Air
E88	072-410-7	T Soc	Jim Della	Avizai Cristobal		Who's Who?
E86	072-420-3	T Soc	Barbara Ting	Lliedo Seno		Testing a Genius
E80	072-510-12	T Med	Edith Perez	Reagan Silveira		What is the Effect of Volatile Oils on Bacterial Inhibition?
E76	072-520-8	T Med	Morgan Lee Moreno	Sophi Gonzalez		What is the Effect of Temperature on Salmonella enterica and E. coli K12 Replication?
E72	072-530-4	T Med	Jacqueline Hufferd	Jenna Clonts		Are Backpacks Bad for Students?
E70	072-540-13	T Med	Andrea Lopez	Malia Campos		Which Acne Medication Inhibits P. acnes Growth the Best?
E66	072-550-9	T Med	Hector Lopez	Julian Flores	Dylan Saulo	What is the Effect of Music on Physical Endurance?
E62	072-610-4	T Bio	Jonathan Pham	Heramb Tamhankar		Effect of Active Ingredients in Soaps on Bacteria
E60	072-620-13	T Bio	Maya Murthy	Neha Patchipala		The Current Cholera Crisis: A Possible Solution
E56	072-630-9	T Bio	Nicole Holder	Savanna Brandon		Do Allium cepa (Onions) Have Antibacterial Properties?
E54	072-640-5	T Bio	Stephanie Chacon	Yovanna Hernandez		E. Coli vs. Hand Sanitizer and Soap

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E50	072-650-1	T	Bio	Ashley Freudig	Brianna Howard	Emma Hudson	Battle of the Spices
E44	072-660-10	T	Bio	Dalila Gonzalez	Jazmin Chilin		What is the Effect of Running New Clothes through a Hot 60-Minute Cycle in a Dryer Before Wearing Them on Adherent Bacteria?
E42	072-680-2	T	Bio	Swetha Revanur	Shreya Dash		Can Life Survive Under Extreme Conditions?
E38	072-710-9	T	Chem	Ajay Raj	Nicholas Carson		Carbon Dioxide Output and Chemical Reaction: Does Acidity Matter?
E36	072-720-5	T	Chem	Natasha Kuo	Lauren Villar		Effect of Sunlight and Alcohol on Permenant Marker Ink Seen Under UV Light
E32	072-730-1	T	Chem	Ethan Miller	Ryan Isobe		Shocking Steel
E30	072-740-10	T	Chem	Tomer Gotesdyner	Itay Barylka		Evaporation Rate of Salt Solutions of Differing Molecular Mass & Concentrations
E26	072-750-6	T	Chem	Francesca LaBianca	Emily Carollo		Fromages Artisanaux: Homemade Cheeses - The Effect of Milk Type on Cheese Density
E24	072-810-1	T	Phy	Amie Nguyen	Grace Cheung		Angle of Incidence & Detection
E20	072-820-10	T	Phy	Brendan Peddie	Lucas Miller	Zachary Antepenko	Does the Temperature of a Paintball Affect How Far It Travels at a Constant Initial Velocity and Angle of Trajectory?
E16	072-830-6	T	Phy	Michelle Shen	Sanah Shah		Energy Efficiency in Smart Phones
E10	072-840-2	T	Phy	Yasha Ektefaie	Anthony Chau		The Savonius Wind Turbine and Its Rotor
E06	072-850-11	T	Phy	Danielle Ottoboni	Rebecca Shaffer	Elisa Schurr	Warm and Toasty Houses
E04	072-860-7	T	Phy	Ismail Shaik	Sinan Bayati		From the Sun to Our Lives
E05	072-A30-3	T	Eng	Gianfranco Filice	Daniel Chavez		Calendar.O
E09	072-A40-12	T	Eng	Spencer Yen	Alexander Li		Constructing a Hand-Free Computer Mouse: Fittermouse
E11	072-A60-4	T	Eng	Yusuf Altiimimi	Christopher Hunt		Earthquake House Design
E17	072-A70-13	T	Eng	Susan Bailey	Anne Carilli		Catapult Attack
E19	081-110-2		Bot	Bridget Brown			How Does the Fungus Pilobolus Respond to Different Light Conditions?
E21	081-120-11		Bot	Preethi Ravi			The Effects of AntiOxidants on Radishes
E23	081-140-3		Bot	Amanda Giacobbe			Botanical Limbo: Dancing into the World of Plants and Gravity
E25	081-150-12		Bot	Neha Sunil			The Study of Biological Clocks in Bean Plants
E27	081-160-8		Bot	Samyukta Vagat			The Effects of Sulfur Deprivation on Hydrogen Production in Algae
E29	081-170-4		Bot	Medha Narwankar			Traditional Plant Growth vs. Hydroponics
E31	081-180-13		Bot	Archana Podury			Transpiration: A Freshwater Source
E33	081-210-7		Env	Rebecca Hoag			The Effects of Busy Beaches on Sand Crabs
E35	081-211-5		Env	Prachi Athavale			Can Waste Create Electricity?
E37	081-212-3		Env	Annirudh Ankola			Which Biofuel Produces the Most Energy?
E39	081-221-1		Env	Shai Mohan			Greywater: "To Sewage or To Plants?" (Effects of Greywater on Plants, Soil, and Worms)
E41	081-222-12		Env	Jasmeen Gill			Heavy Metals and Aquatic Environments

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E43	081-230-12	Env	Kacey Fang	The Correspondence of Acidic Rainfall with pH of Soil Runoff
E45	081-231-10	Env	Nidhi Navaratna	An Elodea-based Water Purification System: The Phytoextraction of Hexavalent Chromium
E47	081-232-8	Env	Anushka Das	A Study of Oil Spill Bioremediation Using Algae
E51	081-240-8	Env	Safieh Moshirfatemi	What is the Effect of Heat and the Materials Used to Filtrate Water on the Drinking Water Quality?
E53	081-241-6	Env	Tvisha Josyula	Phytoremediation of Zinc
E55	081-242-4	Env	Kameron Kashani	Comparing the Toxic Effects of Natural vs Chemical Dish Soap on Plants
E57	081-250-4	Env	Hannah Marquez	What is the Effect of Exposure to Different Types of Oil and Gasoline for Varying Periods of Time on Daphnia magna Offspring?
E59	081-251-2	Env	Humza Raza	The Effect of Varying Fertilizer Amounts on Algae Growth
E61	081-260-13	Env	Katelyn Visnaw	What is the Effect of Over-the-Counter Painkillers on Daphnia magna?
E63	081-261-11	Env	Nur Erturk	Absorption of Pollutants in Different Soil Types
E65	081-262-9	Env	Pranav Akella	Glacier Melt: Pollution or Global Warming
E67	081-270-9	Env	Nitya Mani	Can Jatropha Oil be Converted into a Usable and Cost-Efficient Green Alternative Fuel?
E69	081-271-7	Env	Kriti Lall	A Study of Mutant Algae for Hydrogen Production
E71	081-280-5	Env	Karina Uppal	Harvesting and Purification by Solar Energy
E73	081-281-3	Env	Sakthi Ponnuswamy	Profit From Waste: Transforming Waste Biomass Into Fuel
E75	081-282-1	Env	Rahul Pendyala	Save a Watt
E77	081-291-12	Env	Sammy Pulos	Purifying Water: Survival or Sickness
E81	081-410-4	Soc	Nitya Kasturi	Video Games: The Effect on Career Choices
E85	081-411-2	Soc	Mayuka Sarukkai	iPad Based Theory of Mind Screening Tool: Application for Autism Spectrum Disorders
E87	081-420-13	Soc	Tiffany Roberts	Males vs. Females: Are Middle School Males More Left Brain Thinkers Than Middle School Females?
E89	081-421-11	Soc	Danny Kawadri	Will Chewing Gum Deliver the Best Test Scores
E91	081-430-9	Soc	Sathya Baskaran	Does Socialization Affect Interest in Activities?
E95	081-440-5	Soc	Vidya Raghvendra	Facial Recognition with Imperfect Images
E97	081-450-1	Soc	Abigail Graber	Does Red-Green Color Deficiency Have Any Advantages?
E99	081-460-10	Soc	Rachita Pandya	Effect of Color on Memory
F98	081-470-6	Soc	Grant Fong	Enhancing Performance by Delaying Incentives
F96	081-480-2	Soc	Sonya Raghiram	Diabetes Research: Meat or Plant Based Diets
F94	081-490-11	Soc	Yassmin Mostafavi	Will Music Help You Remember?
F90	081-521-3	Med	Manasa Vemuri	Which Pain Reliever Has a Faster Dissolution Rate?
F88	081-530-1	Med	Nikash Shankar	Striking a Blow in Alzheimer's: Role of ApoE-Mediated Inflammatory Pathways on Tau Phosphorylation

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F86	081-540-10	Med	Sriram Somasundaram	The Effect of Curcumin on Helicobacter pylori Growth, Probiotic Growth, and Iron Absorption in Vitro
F84	081-550-6	Med	Trevor Wang	Can It Bee?
F80	081-560-2	Med	Michael Schur	Does Dog Saliva Kill Bacteria?
F76	081-570-11	Med	Alison Day	How Does The Zone of Inhibition Change When Testing Certified Organic and Non-Organic Meat Against Antibiotics
F74	081-580-7	Med	Kimberly Lu	What Improves Hand-Eye Coordination More: Video-Games or Sports?
F72	081-590-3	Med	Nithya Sivakumar	Controlled Drug Delivery Through Collagen Matrix
F70	081-610-1	Bio	Anish Srinivasan	Save the C's!
F68	081-611-12	Bio	Mahanoor Khan	Role of Gastric Acid in Preventing Food-borne Infections
F66	081-612-10	Bio	Austin Vo	Hydrocarbon Biodegradation
F64	081-621-8	Bio	Eugene Gil	Does Transportation Temperature Affect E.coli in Vegetables
F62	081-622-6	Bio	Zabin Bashar	The Effects of Heat and Cold Shock Parameters and DNA Plasmid Concentration on Bacterial Transformation Efficiency
F60	081-630-6	Bio	Pranav Reddy	The Effect of Natural Remedies on the Growth of Strep. pneumoneae & E. coli In Vitro.
F58	081-631-4	Bio	Jeffrey Hsu	Effectiveness of Sodium Lauryl Sulfate as a Disinfectant
F56	081-632-2	Bio	Steven Wang	In Vitro Analysis of Gold Nanoparticles: Cancer Cell Uptake Kinetics and Novel IPL Treatment Modeled by Monte Carlo Simulations
F54	081-641-13	Bio	Vivek Sriram	Water Quality Analyzed by Electrophoresis
F52	081-642-11	Bio	Yusra Dawood	The Rotting Wood
F50	081-650-11	Bio	Mounika Narayanan	A Sweet Idea
F46	081-651-9	Bio	Simran Singh	The Effect of Electrical Currents on Voltage-gated Chloride Channels and Growth of C.elegans Worms.
F44	081-652-7	Bio	Kanchan Potter	Carbon Dioxide Production of Yeast
F42	081-670-3	Bio	Ryan Pugh	Bacterial Productivity
F40	081-671-1	Bio	Anshika Maheshwari	Are Organic and Conventional Foods Genetically Different?
F38	081-672-12	Bio	Samika Shenoy	A Spice a Day Keeps the Doctor Away: Antimicrobial Activity of Spices
F36	081-680-12	Bio	Brianna Clark	Zits, Pimples, & Bacteria
F34	081-681-10	Bio	Tina Le	Don't Eat DNA!
F32	081-690-8	Bio	Thomas Hunt	Is Your Food Genetically Modified?
F30	081-691-6	Bio	Jessica Vuong	Bye-Bye Bread Mold!
F28	081-710-6	Chem	Deepti Kannan	Natural versus Chemical Preservatives
F26	081-711-4	Chem	Christina Luo	Are Disposable Chopsticks Safe to Use?
F24	081-720-2	Chem	Alex Wong	Paper Chromatography
F22	081-721-13	Chem	Adrien Bouissou	Measuring Liquids
F20	081-730-11	Chem	Hiba Dahbour	Synthesis of Biodiesel

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F18	081-731-9	Chem	Savannah Klein	Does the Temperature of a Glow Stick Affect how Long the Glow Stick Lasts?
F12	081-740-7	Chem	Benjamin Tan	Hot Ice: Cold Ice
F16	081-741-5	Chem	Iris Chin	How Does the Type of Solute Affect the Number of Drops of an Aqueous Solution Which Will fit onto a Penny?
F14	081-750-3	Chem	Jennifer Tai	Syrup: For Pancakes, Waffles, and Crystal Candy
F10	081-751-1	Chem	Gabriella Bertaccini	It's Electrifying!
F08	081-760-12	Chem	Deziren Ziaean	A Glowing Life!
F06	081-761-10	Chem	Spencer Schurk	Which Glue is the Strongest for Wood?
F04	081-780-4	Chem	Rachna Unadkat	Food Packaging - Do It Right!
F02	081-790-13	Chem	Ashil Koranne	Comparing VitaminC Amounts in Juices
F03	081-810-11	Phy	Justin Read	The Answer is Blowin' in the Wind
F05	081-811-9	Phy	Christopher Powers	Easily Accessible Insulation -Good or Bad?
F07	081-812-7	Phy	Alex Hwang	Harnessing Solar Energy Efficiently
F09	081-813-5	Phy	Emily Cox	Fuel Efficiency: Mastering The Art of Basket Cooking
F11	081-814-3	Phy	Emily Carrillo	Do You Get More Wet When You Walk or Run in the Rain?
F15	081-820-7	Phy	Vadim Korolik	Refraction of Light - Using Refraction of Light to Study Mass Transfer in Liquids
F17	081-821-5	Phy	Sandhya Sriram	Colorful Cars and Wonderful Weather
F19	081-822-3	Phy	Jessica Luo	The Effect of Break Length in a Broken Inclined Plane on the Speed of a Ball Travelling Down It
F21	081-823-1	Phy	Akansha Dey	Finding the Wavelength of Electromagnetic Waves in a Microwave
F23	081-824-12	Phy	Theresa Ngo	What Type of Tennis Racket Makes a Tennis Ball Go faster on a Serve?
F25	081-830-3	Phy	Arjun Mandyam	The Inverted Vertical Loop
F27	081-831-1	Phy	Joseph Chang	What Affects the Trajectory of a Curve Ball? The Physics of Rotating Objects
F29	081-832-12	Phy	Leah Hails	What Makes a Good Aerodynamic Design?
F31	081-833-10	Phy	Victor Brancati	Water Refraction
F33	081-834-8	Phy	Jiwan Kang	Cooler Summer, Warmer Winter
F35	081-840-12	Phy	Christopher Magat	Sound Wave Penetration
F37	081-841-10	Phy	Rahul Jayaraman	Harmful Cell Phones: An Oxymoron
F39	081-842-8	Phy	Armin Namavari	What Effect Does Sugar Concentration in Water have on its Index of Refraction?
F41	081-843-6	Phy	Bradley McMahon	Can a Sprint Car Drive Upside-Down?
F43	081-850-8	Phy	Neha Tibrewal	Does Water Have Tension? Propelling a Raft by Changing Surface Tension
F45	081-851-6	Phy	Emily Aiken	Understanding Overtones
F47	081-852-4	Phy	Allen Huang	Big Blow or No
F51	081-853-2	Phy	Madison Jimenez	Why Do Dancers Use Their Arms in a Spin?

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F53	081-860-4	Phy	Levi Torio	Solar Scouts
F49	081-861-2	Phy	Evan Garzon	Balloon Morphing: Gas Expansion and Contraction
F55	081-862-13	Phy	Samuel Miller	The Effect of Tire Tread Pattern on Traction and Acceleration
F57	081-863-11	Phy	Ethan Houghton	Which Brand of Golf Ball Will Travel the Farthest When Hit With the Same Force?
F59	081-870-13	Phy	Annam Quraishi	Solar Magnification
F61	081-871-11	Phy	David Miller	Wood or Aluminum: Which is the Best Bat?
F63	081-872-9	Phy	Alexander Lockwood	Roller Coaster Marbles
F65	081-880-9	Phy	Rebecca Bui	Blow Guns
F67	081-881-7	Phy	Namrata Balasingam	The Physics of the Party Balloon: On Laplace's Law, Nonlinear Elasticity, and their Implications to Cardiovascular Biomechanics
F69	081-882-5	Phy	Shashank Rajani	The Vortex Zone
F71	081-883-3	Phy	Elizabeth Tran	Projectile Motion
F73	081-890-5	Phy	Jiajun Lin	Inside Line
F75	081-891-3	Phy	Paramjyot Singh	Green Eco-Friendly Computer Data Centers
F77	081-892-1	Phy	Ethan Hickman	Magnets Launching Bearings
F81	081-893-12	Phy	Soumithri Bala	Pendulum in a Vacuum
F85	081-910-3	Ear	Ashwini Iyer	Measuring Disturbances in the Earth's Magnetic Field
F87	081-930-8	Ear	George Kovacevic	Is That Hillside Safe?
F89	081-A10-8	Eng	Sabiq Khan	Chloropanel
F91	081-A11-6	Eng	Yunqing Ye	Table Tennis Serving Machine
F95	081-A12-4	Eng	Jacob Barlow	Pinwheel Power! The Effect of Wind Direction on Wind Turbines
F97	081-A21-2	Eng	Khush Kharidia	Smart Cane with Sonic Vision
F99	081-A22-13	Eng	Aabida Mohammed	Using Sunlight to Purify Water
G98	081-A30-13	Eng	Parker Kaeding	The Hydro Electric Bucket
G96	081-A40-9	Eng	Siddharth Prasad	Wrist-aid: A Strain Sensitive Wrist Bandage for Keyboard Users to Maintain Correct Posture to Prevent Carpal Tunnel Syndrome
G94	081-A41-7	Eng	Rohan Suresh	Windmill Blade Designs
G90	081-A42-5	Eng	Shiva Sridar	Handsfree Backpack
G88	081-A50-5	Eng	Shelby Mitchell	Floating on Air: The Hoverhawk 12 Hovercraft
G86	081-A52-1	Eng	Leela Amladi	Designing Better Walking Devices
G84	081-A60-1	Eng	Prachi Nawathe	Air Powered Engine
G80	081-A61-12	Eng	Denisse Velazquez	Trenches: Solution to Landslides?
G76	081-A70-10	Eng	Zachary Bohn	One-Arm Warmer
G74	081-A71-8	Eng	Nikunj Khetan	The Green Machine
G72	081-A80-6	Eng	Tanay Tandon	A Cost and Energy Efficient Water Purification System for Removal of Pathogenic and Non-Pathogenic Bacteria Using Electrolysis-based Techniques

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G70	081-A81-4	Eng	Yuyuan Chen			Speaking Roads!
G68	081-A90-2	Eng	Ankur Jandaur			Creating Electricity From Waste Materials
G66	081-A91-13	Eng	Sarmad Ali			Under Pressure
G64	081-B10-13	Comp	Indraneel Tambe			Nonlyrical Music Search Algorithm
G62	081-B20-9	Comp	Arhem Barkatullah			Keyboard Kraze
G60	081-B30-5	Comp	Sanjana Kaundinya			Measuring Speed Using Photography
G58	081-B40-1	Comp	Maya Josyula			The Fractal Structure of Trees
G56	081-B70-2	Comp	Meera Krishnamoorthy			Predicting the Evolution of Vocabulary in English Writing Through Probability Analysis
G54	082-110-12	T Bot	Rachel Hull	Megana Iyer		Algae: Living in Garbage
G50	082-210-4	T Env	Anjali Ganguly	Varun Joshi	Akshay Chacko	Algae Cultivation for Use as a Biofuel
G44	082-220-13	T Env	Dominick Nguyen	Mary-Joan Arce	Ricky Luu	Making and Recycling Paper
G40	082-240-5	T Env	Nathan Nagaraj	Gagan Nagaraj		Green Energy Usage for Design for the Environment
G38	082-250-1	T Env	Dylan Zhang	Calvin Le		Effects of oil on aquatic plants
G34	082-260-10	T Env	Hoang Nguyen	Bao Truong	MaiTram Nguyen	Underwater Planet: The Effect of Temperature on Brine Shrimp
G30	082-310-9	T Zoo	Katrina Carter	Alexandra Osborne		What is the Effect of Gender Isolation on the Reproduction Rate of Daphnia magna?
G28	082-320-5	T Zoo	Kip Nguyen	Janine Aira Lea Pasillao		The Amazing Planaria
G24	082-410-1	T Soc	Hailey Scimone	Lindsey Orlandi		Multitasking: Pros & Cons
G22	082-420-10	T Soc	Maya Nandakumar	Samantha Madala		The Effects of Meditation and Red Tea on Coherence Level
G18	082-430-6	T Soc	Mariela Delgado	Brinda Saini	Manpreet Kaur	Effect of Age & Gender on Heart Rate Response to Different Music Genre
G14	082-440-2	T Soc	Nancy Le	Haley Kim		Gender Effect on Memory when Multi-tasking
G10	082-610-11	T Bio	Ruchi Pandya	Nithin Buduma		What are the Effects of Selected Organic Substances on Bacterial Growth?
G06	082-620-7	T Bio	Brianna Del Pozzo	Kathlen Heylman		Is Sharing Really Caring?
G04	082-630-3	T Bio	Marben Abaga	Sean Castillo		Fruit DNA
G03	082-640-12	T Bio	Stanley Xie	Andrew Jin		Effects of Triclosan on Anti-Bacterial Resistance
G07	082-650-8	T Bio	Henry Luu	Tommy Nguyen	Andy Cho	Bacteria in Baby Food
G09	082-670-13	T Bio	Dinh Tran-Phuong	Irene Mapanao		Don't Drink From That!
G15	082-680-9	T Bio	Kimberly Cao	Trisha Micarsos	Lisa Nguyen	EEW! That's Nasty!
G19	082-710-3	T Chem	Nguyen Hoang	Kevin Nguyen	Nhu Than	Vitamin, C the Diffeence?
G23	082-730-8	T Chem	Tony Nguyen	Tiffany Pham	Alexis Rojas	Kimchi Chemistry
G27	082-740-4	T Chem	Christopher Aguilar	Rafael Ortiz	Lai Lee	Boyle's Law
G31	082-750-13	T Chem	Melody Malek	Shayda Barforoshi	Vi-Van Nguyen	Who Committed the Crime?
G35	082-760-9	T Chem	Tammy Luu	Michelle Luong	Katarina Ayson	Iron Extraction from Fruits and Vegetable
G39	082-811-6	T Phy	Fiona De Los Rios-McCutcheon	Kendal Takeda		Which Type of Airplane Wing Produces The Least Amount of Turbulance ?
G41	082-820-4	T Phy	Simi Srivastava	Nitya Sampath		How Effective are Dual Pane Windows?
G45	082-821-2	T Phy	Stephanie Coreas	Breanna Sabala		Composite Bats

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G47	082-830-13	T	Phy	Amar Rama	Owen Hemminger	Metals vs Plastics: Which Are Stronger Under Extreme Conditions	
G53	082-831-11	T	Phy	Mikala Ross	Saba Gebremedhin	The Desalination Process	
G57	082-840-9	T	Phy	Anish Haris	Noah Hashmi	Magnets: Hot or Cold..Which is Stronger?	
G59	082-841-7	T	Phy	Jonathan Lam	Keshav Kumar	Hydraulic Ram Pump	
G63	082-851-3	T	Phy	Robert Lim	Michael Kirwan	Laser Quest	
G65	082-860-1	T	Phy	Neil Movva	Rishabh Jain	Hybrid Solar Cells: The Best of Both Worlds?	
G69	082-870-10	T	Phy	Kevin Zhang	Andrew Zhang	Effects of temperature on battery power	
G71	082-880-6	T	Phy	David Lin	Matthew Huang	Effects of Various Lubricants on the Coefficient of Static Friction	
G75	082-890-2	T	Phy	Hemant Kunda	Rahul Balakrishnan	The Effect of Pressure on Viscosity	
G77	082-A20-1	T	Eng	Lizbeth Hernandez	Maura Rios	The Mystery of the Salt Water Device	
G85	082-A50-2	T	Eng	Omkar Savant	Tarun Midde	Automated Roadway Track System	
G87	082-A60-11	T	Eng	Albert Chong	Varunika Raja	Perpetual Magnetic Generator	
G91	082-A70-7	T	Eng	Guillermo Rocha	Sierra Gross	Krystal Pham	Helicar (Helicopter Car)
G97	082-A80-3	T	Eng	Trung Vandinh	Matthew Ngo	Vertical Farming	
G99	082-A90-12	T	Eng	Liam Patterson	Derek Snyder	Watch for Your Life	
J11	091-110-9		Bot	Akshara Balachandra		The Effect of Auxins and Cytokinins on Plant Tumor Development	
J13	091-130-1		Bot	Claudia Tischler		Growing Up with the Vitamin B Family	
J15	091-210-1		Env	Daniel Pak		Affordable and Effective Methods to Test Water Quality	
J17	091-230-6		Env	Sinead Jernigan		What are the Long-Term Effects of N, N-Dimethyl-m-toluamide on the Reproductive Cycles of Aquatic Life Over Generations?	
J19	091-240-2		Env	Auston Anderson		Swimming in the Lake	
J23	091-250-11		Env	Zareen Choudhury		Combating Sudden Oak Death: Testing Novel Treatments to Immunize Foliar Hosts Against P. ramorum	
J25	091-260-7		Env	Arnav Mishra		The Effectiveness of Unconventional Items On Removing Oil from Water	
J27	091-270-3		Env	Caroline Fukawa		How Do Different Variables in Nature Affect the Level of Oxygen in Los Alamitos Creek?	
J29	091-280-12		Env	Meena Chetty		The Effect of Operating Temperature on Solar Cells (Polycrystalline)	
J31	091-310-6		Zoo	Jessica Sawanni		The Memory Span of Different Species of Goldfish	
J33	091-320-2		Zoo	Emily Wang		Observing to Understand the Foraging Skills of Captive Giant Pandas	
J39	091-330-11		Zoo	Christine Bernal		The Effects of Blue-Green Algae from Pinto Lake on Brine Shrimp (Artemia salina)	
J41	091-410-11		Soc	Jaclyn Ayala		Does the Color of the Font Affect the Speed at Which Text is Read?	
J43	091-420-7		Soc	Rish Arhant-Sudhir		Effect of Prolonged Electronic Use on Cognitive Testing	
J47	091-510-3		Med	Catherine Nitta		A Molecular Study of Genetic Damage Caused by Solar Injury	

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J49	091-511-1	Med	Karina Goot	Exploring the Function of Unknown Protein
J53	091-520-12	Med	Anna Thomas	Influence of Cellular Localization of Proteostatic Stress on Genomic Response to Beta Amyloid 1-42 Aggregation: Implications for Alzheimer's Disease
J55	091-540-4	Med	Adyota Gupta	Cytogenetic Effects of Sodium Benzoate on Apical Meristem Cells of <i>Allium cepa</i> (onion)
J59	091-550-13	Med	Isabel Goronzy	Stress Hormones, DNA Damage Repair and Cellular Aging
J61	091-560-9	Med	Shivani Thombare	Effect of 5-azacytidine on the methylation in the CpG islands in the p53 gene in the DNA of a mammalian cell.
J63	091-570-5	Med	Anubhav Sarkar	An Investigation Into The Effectiveness of Different Sunscreens in Preventing Genetic Damage
J69	091-610-8	Bio	Anika Gupta	The Fight Against Superbugs: Relative Efficacies of Different Combinations in Destroying <i>P. fluorescens</i> and <i>S. epidermidis</i>
K68	091-620-4	Bio	Addie McNamara	Microorganisms in Brass Musical Instruments
K62	091-630-13	Bio	Vishwajit Kode	The Effect of Bacteria and Carcinogens on Bacteriophage
K60	091-640-9	Bio	Vibhav Altekar	The Effect of Temperature and Membrane on a Microbial Fuel Cell
K58	091-650-5	Bio	Natalie Ng	Discovery of Macrophage Migration Inhibitory Factor (MIF) Antagonists by Large-Scale Structure-Based Virtual Screening
K54	091-670-10	Bio	Rohith Bhethanabotla	The Effect of Varying Wavelengths of Light on the Survival Rates of UV-damaged <i>E. coli</i>
K52	091-680-6	Bio	Pheobe So	The Effect of Temperature on Fermentation Rates.
K48	091-810-5	Phy	Varun Mohan	The Butterfly Effect and Chaos: The Study of Double Pendulum
K46	091-820-1	Phy	Soma Mathur	Lunar Apocalypse
K42	091-830-10	Phy	Vikas Bhetanabhotla	A Theoretical Study of Factors Affecting Molecular Specificity in Hyperpolarized MRI Scans
K40	091-840-6	Phy	Avinash Nayak	Frequency and Acoustic SoundProofing
K38	091-A11-13	Eng	Vikram Sundar	An Algorithm to Determine Protein Structure Using Secondary and Tertiary Structure Prediction
K32	091-A20-11	Eng	Vishnu Shankar	Naturally Efficient Computing Techniques to Build Molecular Logic Circuits
K30	091-A30-7	Eng	Lena Egbert	Ped Power: Harvesting Energy from Each Step
K28	091-A31-5	Eng	Rohit Sarathy	Simulating a Fractal Based Antenna System in Smart Phones to Mitigate Loss of Performance from Human Contact
K26	091-A40-3	Eng	Arjun Balasingam	M2D2: A Mechatronic Medicine Dispensing Device, Engineered From the Ground Up and Enabled with Computer Vision for Assisted Living at Home
K24	091-A41-1	Eng	Preethi Periyakoil	Turn Off the Lights!
K22	091-A50-12	Eng	Amy Shen	Smart Rain: An Intelligent Sprinkler Control System

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K18	091-A70-4	Eng	Divyahans Gupta			A Comparative Analysis of Common Sorting Algorithms with an Optimization of Mergesort
K16	091-A80-13	Eng	Kavya Ramakrishnan			Pole Climbing With an NXT Robot
K14	091-A90-9	Eng	Brian Tuan			24-Hour Agriculture of Staple Crops
K12	091-B10-7	Comp	Daniel Park			Face Detection and Recognition in Videos Using Mathematica
K10	091-B30-12	Comp	Pooja Chopra			Effects of Hepatitis C Virus on Human Protein Sequences
K11	091-B31-10	Comp	Sreevidya Kurra			Massively Parallel DNA Sequencing Scheme Using Multi Processing
K13	091-B40-8	Comp	Kayla Barker			Predictive Model Building Using Optimal Catapult Performance
K15	091-B41-6	Comp	Rahul Sridhar			Multidocument Text Summarization Using Spectral Clustering
K17	091-B50-4	Comp	Paras Jain			SmartCheck: Innovating Credit Card Security Through Online and Smartphone Based Transaction Handshake Protocols, Fingerprinting and Encryption
K19	091-B70-9	Comp	Charles Liu			Faces In a Crowd: Recognition System Identifies Individuals From a Multitude
K23	091-B80-5	Comp	Anshul Ramachandran			The Two Dimensional Growth Triangle
K25	091-B90-1	Comp	Jennifer Dai			Time Series Autocorrelation Analysis on Efficient Market Hypothesis
K29	092-710-10	T Chem	Thanh-Nguyen Nguyen	Tricia Huynh	Chau Ngo	Baking with pH
K33	092-811-13	T Phy	Andrew Song	Brandon Pham	Mark-Angelo Dabu	Effect of Winglets on the Performance of the Airplane
K41	092-820-11	T Phy	Sarah Giovannini	Vivian Yu	Marissa Arango	What a Drag! The Physics of Swimming and How Drag Affects Overall Performance
K47	092-821-9	T Phy	Advait Ahir	Suraj Mohan	Bobby Atwal	Jacob's Ladder: Arc Velocity vs. Rod Angle
K53	092-830-7	T Phy	Kiran Kastury	Benjamin Wong		Magnetic Separation
K59	092-831-5	T Phy	Alayna Nguyen	Rachel Tan	Melody Valdez	Solar Winds' Effect on Earth
K63	092-840-3	T Phy	Christopher Cabrerros	Minh Truong	Minh Le	Sonoluminescence Star in a Jar
K71	092-841-1	T Phy	Cindy Luong	Vivian Wong	Kimberly Tran	Gas Friction Car
K79	092-850-12	T Phy	Kristian Thurber	Jerome Rizon	Shawn Lo	Tailgate Position Effect on Air Resistance of a Ford-250
K83	092-851-10	T Phy	Delena Hoang	Ngoc Nguyen		Race to the Bottom: Viscosity vs. Temperature
K91	092-860-8	T Phy	Akhil Choppa	Devashish Singh	Sidharth Gilela	Radio Wave Interference
K99	092-870-4	T Phy	Ashwath Ramdas	Andy Long	Akshay Naik	Does a Change in Height and Speed Change the Width of a Column of Air?
L94	092-880-13	T Phy	Nikita Iyer	Aileen Tran	Diana Reyes Paredi	Home Electricity: Project on Wire Resistance
L86	092-890-9	T Phy	Julie Trinh	Andy Trinh	Maharshi Chitti	Turbulence Created by Various Slat Designs in a Wind Tunnel
L78	092-A10-12	T Eng	Christopher Chon	John Park		H2 Ocean
L74	092-A20-8	T Eng	Arjun Patel	Alfred Chan		Wall Climbing Robot

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L70	101-110-12	Bot	Emily Chu	Comparison of Manduca quinquemaculata and M.sexta (tobacco hornworm) Saliva
L68	101-120-8	Bot	Kenneth Santos	A Comparative Study of Aluminum Cation and Phytoremediation Between "Maidenhair" Fern and Hypoestes Plants
L62	101-210-4	Env	Joanne So	Effectiveness of Liming and Autotrophs on the Reduction of Acid Deposition
L60	101-230-9	Env	Paulomi Bhattacharya	Optimizing the Microbial Fuel Cell-Microbial Electrolysis Cell Coupled System: A Novel Anaerobic Design for Hydrogen Generation
L58	101-240-5	Env	Payal Modi	The Relationship between Porosities and Dry Percolation Rates in Various Soil Samples.
L54	101-410-1	Soc	Athman Adiseshan	Persuasive Power of On-Line Videos
L52	101-420-10	Soc	Katelyn Pashby	Does a High School Junior's Relationship With Her Father Affect Her Relationship With God?
L48	101-430-6	Soc	Jonah Kaye	Read All About It: Does Reading from a Printed Page Versus a Digital Screen Affect Reading Comprehension
L46	101-510-6	Med	Varun Gudapati	Correlations Between Ethnicity, Anthropometric Data, Metabolic Abnormalities, and Cardiovascular Health
L42	101-520-2	Med	Anika Radiya-Dixit	The Efficacy of Single, Personalized Nutritive Scores for Foods in Making Healthy Diet Choices
L40	101-530-11	Med	Sayeri Lala	Effects of Vitamins and Minerals on Eyesight
L38	101-550-3	Med	Kyra Fukawa	The Effect of Three Different 'Over The Counter' Medications on the Heart Rate of Daphnia magna
L32	101-570-8	Med	Eric Xu	A Novel Method of Mesenchymal Stem Cell Isolation from Murine Skull Bone
L30	101-580-4	Med	Grace Deng	Evaluation of Therapeutic Options of Advanced Renal Cell Carcinoma Patients Based on Meta-Analysis the Efficacy and Safety of All Pooled Pivotal Studies
L28	101-610-11	Bio	Anne Zeng	To Explore Spatial and Temporal Expression of a Novel WD40 Protein: Insights into Developmental Deficits in Human Neuropathies
L26	101-620-7	Bio	Joanna Kuehn	Replacement of Inhibited RNAPII in Liver Cells
L24	101-640-12	Bio	Jacqueline Gu	Controlled Transformation of RNA Secondary Structure
L22	101-660-4	Bio	Vishwaesh Rajiv	An Investigation of the Effects of Silencing HIF-1 in C.elegans to Study Hypoxic Stress Survival
L18	101-680-9	Bio	Christopher Chang	The Biophysics of Electrophoresis
L16	101-710-3	Chem	Suchita Nety	Investigation of Synthetic Complex Coacervates as Medical Adhesives.
L14	101-720-12	Chem	Pooja Shah	Understanding the Corrosive Behavior of Stents for Life Science Applications

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L12	101-740-4	Chem	Alex Powers	Investigation of Ideal Conditions to Retain Ascorbic Acid in Common Cooking Methods
L10	101-750-13	Chem	Chung Lee	Unbeatable Tombstones
L11	101-780-1	Chem	Eesha Khare	A Novel Method Using Chemically Engineered CYP101 Enzyme and Light to Hydroxylate Camphor
L13	101-810-8	Phy	Roshan Daran	The Effect of Reflective Material on Solar Panel Efficiency
L15	101-A10-5	Eng	Anthony Hernandez	DIY Audio Amplifier
L17	101-A20-1	Eng	Jaelyn Ordonio	Pencil Lead Electrodes
L19	101-A21-12	Eng	Albert Xu	Precisian Movement of Objects by Electromagnet
L23	101-A30-10	Eng	McKenna Duzac	EcoTreds
L25	101-A31-8	Eng	Edward White	Multi-Purpose Projected Light System
L27	101-A40-6	Eng	Kimberly Vaz	Automatic, Optimal Hydration System for Household Water Conservation
L29	101-A41-4	Eng	Jae Hoon Kang	Computer Case Fan with Built-In Dust Sensor
L31	101-A50-2	Eng	Keegan Mendonca	A Novel Approach to Plastic Artificial Antibody Synthesis Using Computer Simulation
L33	101-A51-13	Eng	Samuel Arnold	3-Client, Electronic, Consultant's Punch-clock
L39	101-A60-11	Eng	David Zarrin	Never Lost Again: Designing a Novel Precision Indoor Navigation System
L41	101-A70-7	Eng	Debnil Sur	Designing & Synthesizing Better Water Storage Using Thermoplastics
L43	101-A80-3	Eng	Noorsher Ahmed	Powering Satellites by the Earth's Flux
L47	101-A90-12	Eng	Deepika Bodapati	Engineering Peptides for Prostate Cancer Detection
L49	101-B10-10	Comp	Quinn Winters	If Compared, Rubik's Cube Algorithms Will Never Lose Commutativity Unlike Other Coordinate System Rotations Like Matrices and Quaterinions.
L53	101-B20-6	Comp	Johnny Ho	Early Post-Disaster Response Using an Adaptive Histogram-Based Object Recognition Algorithm on High Resolution Satellite Images