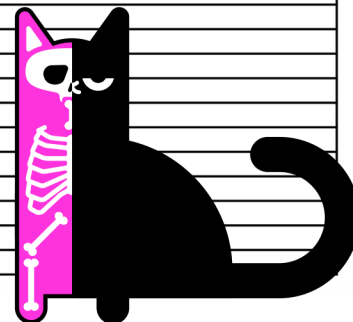


# Day 3: March 21, 2024



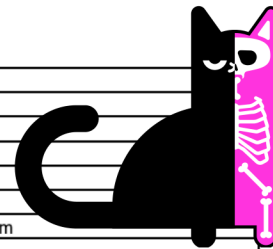
Table Number	Names	Secondary Project Category	Grade Level	Division	School	District	Project Title:
J101	Brynlee Astle	Animal & Plant Sciences	8th	Junior	Centennial Middle	Provo District	Sedimentary Showdown, Unveiling the Bacterial Battlefield
J102	Eliza Escobar	Animal & Plant Sciences	7th	Junior	North Star Academy	Charter School	Plants and Salinity
J103	Karmen Workman	Animal & Plant Sciences	8th	Junior	Mountain Ridge Junior	Alpine District	How does ph levels effect black bean plants
J104	Mai Jensen & Greta Christopherson	Animal & Plant Sciences	7th	Junior	Merit Academy	Charter School	Plants and Water
J105	Lily Hartle	Animal & Plant Sciences	7th	Junior	Mountain Ridge Junior	Alpine District	Does the color affect how much birdseed is eaten from it?
J106	Madilyn Karren	Animal & Plant Sciences	8th	Junior	Soldier Hollow	Charter School	EGGtastic Production
J107	Maevie McBride	Animal & Plant Sciences	8th	Junior	Early Light Academy	Charter School	Farming with Chicken and Bunny Manure
J108	Mary Flint	Animal & Plant Sciences	7th	Junior	Timberline Middle	Alpine District	Growing In Color
J109	Tenley Keith	Animal & Plant Sciences	7th	Junior	John Hancock Charter Sch	Charter School	Alpaca Poop vs Soil
J110	Winnifred King	Animal & Plant Sciences	8th	Junior	Mountain Ridge Junior	Alpine District	How plant type effects propagation speed
J111	Amelia-Ann Lords	Animal & Plant Sciences	8th	Junior	Mountain Ridge Junior	Alpine District	Shod I or Shod I Not
J112	Adamells Banya	Animal & Plant Sciences	8th	Junior	Centennial MiddleCentenn	Provo District	Radicle Racers
J113	Alyssa Martin	Animal & Plant Sciences	7th	Junior	Mountain Ridge Junior	Alpine District	How do soaps in water affect pea seeds growth?
J201	Brock Kanongataa	Behavioral & Social Science	7th	Junior	Early Light Academy	Charter School	Are we there yet?
J202	Caden Lee	Behavioral & Social Science	7th	Junior	Early Light Academy	Charter School	Ice Water + Video Games = ?
J203	Charlie Blood	Behavioral & Social Science	7th	Junior	Timpanogos Middle	Wasatch District	Music: A Memory Magnifier?
J204	Emmary Brimhall	Behavioral & Social Science	8th	Junior	Reagan Academy	Charter School	Handwashing
J205	Evie Macdonald	Behavioral & Social Science	7th	Junior	Mountain Ridge Junior	Alpine District	Do people go slower or faster when being waited on?
J206	Eliza Baker & Elizabeth Murdock	Behavioral & Social Science	7th	Junior	Maple Grove Middle School	Nebo District	Does Color Help You Remember Words?
J207	Jennifer Hicken	Behavioral & Social Science	8th	Junior	Oak Canyon Junior	Alpine District	Receptive Language
J208	Kaleb Van Wagoner	Behavioral & Social Science	7th	Junior	North Star Academy	Charter School	The Sound of Memory
J209	Livvy Sonntag	Behavioral & Social Science	7th	Junior	North Star Academy	Charter School	Music Can Impact Your Health, Mood & Thoughts
J210	Matthew Jensen & Miles Armstrong	Behavioral & Social Science	8th	Junior	Dixon Middle	Provo District	Does practice really make perfect
J211	Matthew Burrup	Behavioral & Social Science	7th	Junior	North Star Academy	Charter School	Games Under Pressure
J212	Rachel Christiansen & Jamie Christiansen	Behavioral & Social Science	8th	Junior	Reagan Academy	Charter School	Can Students be Influenced to Choose a Different Color of Popsicle
J213	Megan Bartholomew	Behavioral & Social Science	7th	Junior	Mountain Ridge Junior	Alpine District	Pachelbel vs A Great Big World: Who Helps More?
J214	Mira Graham	Behavioral & Social Science	8th	Junior	Mountain Ridge Junior	Alpine District	How does family makeup affect whether someone is introverted or extroverted?
J215	Stockton Casperson & Crew Porter	Behavioral & Social Science	7th	Junior	Valley View Middle	Nebo District	How hearts react to different activities
J216	Mya Sherer	Behavioral & Social Science	8th	Junior	Early Light Academy	Charter School	Heart Beats
J217	Vance Haslam, Jake Mickelson & Wyatt Clayton	Behavioral & Social Science	8th	Junior	Reagan Academy	Charter School	Prompting Precision
J218	Savannah Revelli	Behavioral & Social Science	7th	Junior	Lincoln Academy	Charter School	Does Color Effect Memory
J301	Arianna Exon & Alexis Hennen	Biology & Biochemistry	7th	Junior	Spring Canyon Middle	Nebo District	Tongue Theory
J302	Brieda Curtis	Biology & Biochemistry	8th	Junior	Mountain Ridge Junior	Alpine District	PH Levels Effect on Yeast Growth
J303	Eva West	Biology & Biochemistry	8th	Junior	American Preparatory Acad	Charter School	The Shroom-solution
J304	Jackson Young	Biology & Biochemistry	7th	Junior	Mountain Ridge Junior	Alpine District	How do different distances from the shore in a lake, affect how many microorganisms are in it?
J305	Meadow Herlehy & Ruby Vaughn	Biology & Biochemistry	7th	Junior	Reagan Academy	Charter School	Battle of the Bacteria
J306	Reese Trask	Biology & Biochemistry	8th	Junior	Early Light Academy	Charter School	DNA Traits
J307	Pearl Sproul	Biology & Biochemistry	8th	Junior	Centennial Middle	Provo District	The Dishwashing Olympics
J308	Romasi Toutai, Wells Harrison & Max McMah	Biology & Biochemistry	8th	Junior	Dixon Middle	Provo District	Wet vs Dry mouth chip tasting
J309	Riley Sadler	Biology & Biochemistry	8th	Junior	Kelsey Peak Virtual Middle	Jordan District	Extracting DNA From Fruit
J310	Anneliese Roman	Biology & Biochemistry	7th	Junior	Challenger School	Private School	Afraid of the Dark? Research for Creating an All-Natural, Bioluminescent Nightlight
J401	Ashley Hess & Brylee Brooks	Biomedical, Medicine, & Health Science	7th	Junior	Maple Grove Middle School	Nebo District	Which Protein Powder Works Best For Athletic Ability
J402	Megan Lamas	Biomedical, Medicine, & Health Science	7th	Junior	Dixon Middle	Provo District	Good Diapers?
J403	Gabriel Nielsen	Biomedical, Medicine, & Health Science	7th	Junior	John Hancock Charter Sch	Charter School	How Different Foods Affect a Diabetic
J404	Katelyn Manuele & Makenzie Stewart	Biomedical, Medicine, & Health Science	7th	Junior	Maple Grove Middle School	Nebo District	Does Mountain Dew Increase Your Blood Pressure?
J405	Kate Larsen	Biomedical, Medicine, & Health Science	7th	Junior	John Hancock Charter Sch	Charter School	Low Blood Glucose Treatment
J406	Lincoln Johnson	Biomedical, Medicine, & Health Science	7th	Junior	Early Light Academy	Charter School	What is Growing on Your Toothbrush
J407	Lizzie Turgeon	Biomedical, Medicine, & Health Science	7th	Junior	Mountain Ridge Junior	Alpine District	How does age affect reaction time?
J408	Brooke Mangum & Kelsey Pratt	Biomedical, Medicine, & Health Science	8th	Junior	Dixon Middle	Provo District	The First Step To Cleanliness
J409	Rebecca Blodgett	Biomedical, Medicine, & Health Science	7th	Junior	Timpanogos Middle	Wasatch District	The Effects of Caffeine: Real or Placebo
J410	Stella Seong	Biomedical, Medicine, & Health Science	7th	Junior	Challenger School	Private School	Battle of the Bacteria
J411	Mallory Brockbank	Biomedical, Medicine, & Health Science	7th	Junior	Valley View Middle	Nebo District	Seeing Sound
J412	Anna Toney	Biomedical, Medicine, & Health Science	7th	Junior	North Star Academy	Charter School	Want Good Hair? On One Condition
J501	Ariana Smith	Chemistry	7th	Junior	Lake Mountain Middle	Alpine District	How Temperature Affects the Elastic Energy of a Rubber Band
J502	Benjamin Strange	Chemistry	7th	Junior	North Star Academy	Charter School	Cookies? Sweet!
J503	Benson Bowers	Chemistry	7th	Junior	Lincoln Academy	Charter School	Sugar Science - How Sweet It Is!
J504	Chloe Plott	Chemistry	7th	Junior	Maeser Prep Academy	Charter School	Caution: Hot Milk
J505	Carter Wilcock & Jaxon West	Chemistry	7th	Junior	Valley View Middle	Nebo District	There is metal in my cereal?!

J506	Divyansha Raghav	Chemistry	7th	Junior	North Star Academy	Charter School	The science of reverse spherification
J507	Elyse Linschoten	Chemistry	7th	Junior	North Star Academy	Charter School	Are You "Bready" To Bake? - The Science of Yeast in Baking
J508	Emrick Sorensen	Chemistry	8th	Junior	Mountain Ridge Junior	Alpine District	How Does the Amount of Sugar in Bread Dough Affect the Increase in Volume Produced by Yeast?
J509	Eva Fellars	Chemistry	7th	Junior	Centennial Middle	Provo District	Juice Boost: Temperature and Electrolytes in Orange Juice
J510	Harrison Schaff	Chemistry	7th	Junior	Timpanogos Middle	Wasatch District	Chemistry+Electricity=Energy
J511	Jacob Alton	Chemistry	8th	Junior	Oak Canyon Junior	Alpine District	Reflectivity
J512	Joseph Sucher	Chemistry	8th	Junior	Centennial Middle	Provo District	To Drink or Not to Drink: Bottled Water pH & Teeth Demineralization
J513	Josephine Chiu	Chemistry	8th	Junior	Centennial Middle	Provo District	Sugar In A Cookie
J514	Kade Wiest	Chemistry	7th	Junior	Timpanogos Middle	Wasatch District	Density Deep Dive
J515	Kate Andelin	Chemistry	8th	Junior	Freedom Academy	Charter School	Cakes At New Heights
J516	MaKenzie Heinrichs & Shayla Granger	Chemistry	7th	Junior	Lake Mountain Middle	Alpine District	Film Canister Rockets
J517	Madison Arner	Chemistry	7th	Junior	Merit Academy	Charter School	marshmallow texture test
J518	Maggie Stout	Chemistry	8th	Junior	Mountain Ridge Junior	Alpine District	How Does the Temperature of the Liquids Affect the Height of Dinner Rolls?
J519	Micah Miller	Chemistry	8th	Junior	Reagan Academy	Charter School	Hot and Ready-ly Neutral
J520	Peyton Moser	Chemistry	7th	Junior	John Hancock Charter School	Charter School	Potato Battery
J521	Rylee Smith	Chemistry	7th	Junior	Merit Academy	Charter School	Rethink What You Drink
J522	Stephen Petersen	Chemistry	7th	Junior	Diamond Fork Jr. High	Nebo District	Freezing Solutions
J523	Zixuan Yang	Chemistry	7th	Junior	Highland Elementary	Alpine District	How Electrolyte Levels Differ in Sports Drinks
J524	Kelsey Prince	Chemistry	7th	Junior	Mountain Ridge Junior	Alpine District	How does the acidity of a popping boba affect spherification?
J525	Andre Lesser	Chemistry	8th	Junior	Early Light Academy	Charter School	A Science Of Gallium Infiltration And Humidity
J526	Addy Utt	Chemistry	7th	Junior	Spring Canyon Middle	Nebo District	What Chemical Melts Ice Most?
J527	Allison Reynolds	Chemistry	8th	Junior	Reagan Academy	Charter School	What gets nail polish out of carpet the best
J601	Aubrey Foote	Earth & Environmental Science	7th	Junior	Mountain Ridge Junior	Alpine District	Hydroponic Plant Water Usage
J602	Bentley Clement	Earth & Environmental Science	7th	Junior	Mountain Ridge Junior	Alpine District	How Does the Length, Width, and Temperature Effect How Far a Rubber Band Car Travels?
J603	Elle Williams	Earth & Environmental Science	8th	Junior	Mountain Ridge Junior	Alpine District	Changing Rocks Through Erosion
J604	Henry Price	Earth & Environmental Science	7th	Junior	Mountain Ridge Junior	Alpine District	Cleanup on "Isle" 7!: What is the best way to clean oil spills?
J605	Maggie Ball	Earth & Environmental Science	8th	Junior	Mountain Ridge Junior	Alpine District	How the temperature of a tennis ball effects how high it bounces
J606	Molly Hixson & Alex Johnson	Earth & Environmental Science	8th	Junior	Salem Junior High	Nebo District	Do Water Bottles Really Conserve Water?
J607	Carsten Dobbins	Earth & Environmental Science	8th	Junior	Timpanogos Middle	Wasatch District	Nanotechnology and Ocean Oil Spills
J701	Lilah Cluff & Wren Lake	Energy: Chemical & Physical	7th	Junior	Willowcreek Middle	Alpine District	Rubens Tube
J702	Eddy Boseman	Energy: Chemical & Physical	7th	Junior	Mountain Ridge Junior	Alpine District	How does the blade angle of a windmill affect how many rpm's are generated
J703	Erik Anderson	Energy: Chemical & Physical	7th	Junior	John Hancock Charter School	Charter School	Clean energy powering a new world
J704	Dexter Riggs	Energy: Chemical & Physical	7th	Junior	Early Light Academy	Charter School	Bottle Ballistics
J705	Lucas Parra	Energy: Chemical & Physical	7th	Junior	Mountain Ridge Junior	Alpine District	RB Car Performance
J706	Srivalli Kundojjala	Energy: Chemical & Physical	7th	Junior	Challenger School	Private School	Waste to Waaaatt?
J707	Emmaline Ellinger	Energy: Chemical & Physical	7th	Junior	Reagan Academy	Charter School	Syncing The Unsynced
J708	Vasishtha Palagiri	Energy: Chemical & Physical	7th	Junior	Mountain Ridge Junior	Alpine District	What factors contribute to variations in electrical conductivity and resistivity in different materials?
J709	Blake Covington	Energy: Chemical & Physical	7th	Junior	Early Light Academy	Charter School	Tear-rific Paper Strenghts
J801	Ishant P Batra	Engineering: Civil & Environmental	8th	Junior	Maeser Prep Academy	Charter School	Optimizing Solar Energy Efficiency Using Rotating Solar Panels
J802	Maele Homer	Engineering: Civil & Environmental	7th	Junior	Centennial Middle	Provo District	Earth and Trash Clash
J803	Ava Johnson	Engineering: Electrical & Computer Science	7th	Junior	Dixon Middle	Provo District	Which AI Image Generator Works Best?
J804	Lydia Argyle	Engineering: Electrical & Computer Science	8th	Junior	Centennial Middle	Provo District	Arti"fickle" Intelligence
J805	Pedro Souza	Engineering: Electrical & Computer Science	8th	Junior	Centennial Middle	Provo District	Morse Code Translator
J806	Seryiah Saavedra	Engineering: Electrical & Computer Science	7th	Junior	Spring Canyon Middle	Nebo District	Can AI ID It?
J807	Tanish Shetty	Engineering: Electrical & Computer Science	8th	Junior	Maeser Prep Academy	Charter School	Early cancer detection with AI
J808	Camille Scruton	Engineering: Electrical & Computer Science	8th	Junior	Centennial Middle	Provo District	Game-Enhanced Education: Elevating Academic Excellence
J809	Daniel Powell	Engineering: Electrical & Computer Science	8th	Junior	Centennial Middle	Provo District	Building an Online Learning Platform from the Ground Up
J810	Ansh Patel	Engineering: Electrical & Computer Science	8th	Junior	Freedom Academy	Charter School	Cell Phone Radiation
J811	Andrew Asarian	Engineering: Electrical & Computer Science	8th	Junior	Soldier Hollow	Charter School	How to control a mini DIY drone with an Arduino
J901	Archibald King	Engineering: Materials & Mechanical	7th	Junior	Centennial Middle	Provo District	It's Hover Time
J902	Cannon Campbell	Engineering: Materials & Mechanical	7th	Junior	Early Light Academy	Charter School	What brand of soccer ball is best?
J903	Colton Chrzanowski	Engineering: Materials & Mechanical	7th	Junior	Valley View Middle	Nebo District	Robot Adaptations
J904	Isaac Kearl	Engineering: Materials & Mechanical	7th	Junior	Timberline Middle	Alpine District	Magnetic Perpetual Motion Machine
J905	Vanko Stewart	Engineering: Materials & Mechanical	7th	Junior	John Hancock Charter School	Charter School	Mk 3 catapult
J906	Jared Shepherd & Anton Navarez	Engineering: Materials & Mechanical	8th	Junior	Mountain Ridge Junior	Alpine District	Hunt for the Hologram
J907	Madalyn Cummings	Engineering: Materials & Mechanical	8th	Junior	Reagan Academy	Charter School	The Problem en Pointe
J908	Miles Walker	Engineering: Materials & Mechanical	7th	Junior	Maeser Prep Academy	Charter School	Windmill Water Pump
J909	Savannah Johnson	Engineering: Materials & Mechanical	7th	Junior	Centennial Middle	Provo District	Mini Marble Roller Coaster
J910	Trevyn Brink	Engineering: Materials & Mechanical	7th	Junior	John Hancock Charter School	Charter School	Tsunami Problems
J911	Jane Fletcher & Alice Broderick	Engineering: Materials & Mechanical	7th	Junior	Spring Canyon Middle	Nebo District	The Drop

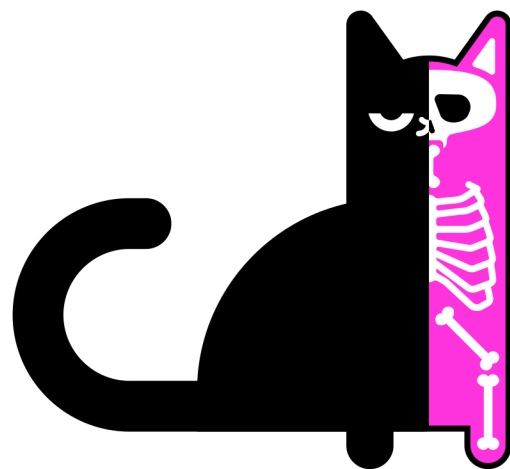




J912	Wells Hooton	Engineering: Materials & Mechanical	8th	Junior	Mountain Ridge Junior	Alpine District	How different materials capture heat
J913	Levi Platt	Engineering: Materials & Mechanical	7th	Junior	Centennial Middle	Provo District	Magnetic Motor
J914	Samuel Clay	Engineering: Materials & Mechanical	8th	Junior	John Hancock Charter Sch	Charter School	Singing Pipes
J915	Weston Given	Engineering: Materials & Mechanical	8th	Junior	Mountain Ridge Junior	Alpine District	Laundry Folding Machine
J916	Hazel Wheeler	Engineering: Materials & Mechanical	8th	Junior	Reagan Academy	Charter School	A Potter's Dilema
J917	JT White	Engineering: Materials & Mechanical	8th	Junior	Early Light Academy	Charter School	Pipe durability testing
J918	Thomas Scott	Engineering: Materials & Mechanical	8th	Junior	Dixon Middle	Provo District	Attempts at Water Purification Using a Low-Pressure System
J919	Anna Bangarter	Engineering: Materials & Mechanical	7th	Junior	Lake Mountain Middle	Alpine District	Materials Transparent To Infrared Light
J1001	Ned Hill & Liam Rowan	Physics, Astronomy, & Mathematics	7th	Junior	Centennial Middle	Provo District	Transferring energy through air
J1002	Layn Reckling	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	How do different materials affect how long an ice cube lasts
J1003	Gavin Ward	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	Different Objects' Effect on Conductivity
J1004	Jameson Johnson	Physics, Astronomy, & Mathematics	7th	Junior	North Star Academy	Charter School	Best angle of lighting in a film
J1005	Julian Morello	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	How Does the Number of Model Rocket Fins On A Model Rocket Affect the Flight Time?
J1006	Kate Perley	Physics, Astronomy, & Mathematics	7th	Junior	Mountain Ridge Junior	Alpine District	How Different Variables Affect Electromagnets
J1007	Bentley Day & Lukas Mock	Physics, Astronomy, & Mathematics	8th	Junior	Spanish Fork Jr. High	Nebo District	Is my house safe from Radon? What is the source of Radon?
J1008	Magdalena Leyton Lara	Physics, Astronomy, & Mathematics	8th	Junior	Centennial Middle	Provo District	Air Molecules Trapped Inside a Balloon Fight Against Sun Radiation
J1009	Milo Trunnell	Physics, Astronomy, & Mathematics	7th	Junior	Spring Canyon Middle	Nebo District	Rolling a Six
J1010	Sloane Deming	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	How do photo lenses affect a pictures outcome?
J1011	Sloane Deming	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	How do photo lenses affect a pictures outcome?
J1012	Tristan Teuscher	Physics, Astronomy, & Mathematics	7th	Junior	North Star Academy	Charter School	A Day in the Life of a Blackhole
J1013	Vrisha Athithan	Physics, Astronomy, & Mathematics	7th	Junior	Freedom Academy	Charter School	Speedy Light
J1014	Dylan Stout	Physics, Astronomy, & Mathematics	7th	Junior	Mountain Ridge Junior	Alpine District	The Effect of Extreme Temperatures on Permanent Magnet Strength
J1015	Ella Brazell	Physics, Astronomy, & Mathematics	8th	Junior	Mountain Ridge Junior	Alpine District	Space Marshmallows - How does atmospheric pressure and temperature affect the size of a m
J1016	Kaster Boggs	Physics, Astronomy, & Mathematics	8th	Junior	Challenger School	Private School	Levitating Motor Project
J1017	Seth Hansen	Physics, Astronomy, & Mathematics	7th	Junior	Valley View Middle	Nebo District	Flight
J1018	Davonna Smith	Physics, Astronomy, & Mathematics	8th	Junior	Early Light Academy	Charter School	Electrified Bubbles
J1019	Ethan Ekstrom	Physics, Astronomy, & Mathematics	8th	Junior	American Preparatory Acad	Charter School	Radiant Refraction: A Spectacular Showcase of Light Passage Through Diverse Glasses
S2001	Lucy Wilson & Kinsey Sifuentes	Animal & Plant Sciences	12th	Senior	Pleasant Grove High Schoo	Alpine District	The effect of changing temperatures on the embryological development speed and survival of l
S2002	Emily Bedke	Animal & Plant Sciences	11th	Senior	Pleasant Grove High Schoo	Alpine District	The Effects of Different Amounts of Light in the Phototropism of Radish Plants
S2003	Kayleigh Buchholz	Animal & Plant Sciences	11th	Senior	Pleasant Grove High Schoo	Alpine District	Reveal The red
S2004	Seth Winters & Christian Wilson	Animal & Plant Sciences	12th	Senior	Pleasant Grove High Schoo	Alpine District	Investigating the variation of lemur species around Tsinjoarivo, Madagascar
S2005	Avery MacGillvray	Animal & Plant Sciences	11th	Senior	Pleasant Grove High Schoo	Alpine District	The Differences of Aspen Tree Leaves in the Canyon Vs. the Valley
S2006	Eliza Clarke	Animal & Plant Sciences	12th	Senior	Westlake High School	Alpine District	Mars Plants
S2007	Drake Stanley	Animal & Plant Sciences	10th	Senior	Pleasant Grove High Schoo	Alpine District	Using Paper Chromatography to Determine Differences in Retention Factor Between Red Pigm
S2101	Ashlyn Behling & Marlie Buck	Behavioral & Social Science	9th	Senior	Canyon View Junior	Alpine District	If You Give a Group a Cookie
S2102	Amaya Jones	Behavioral & Social Science	9th	Senior	Early Light Academy	Charter School	Extrinsic Vs. Intrinsic Motivation
S2103	Mason Beck, Milo Riggs & Tyler Martin	Behavioral & Social Science	9th	Senior	Canyon View Junior	Alpine District	Does Scent Affect Memory?
S2104	Christopher Benson	Behavioral & Social Science	11th	Senior	Westlake High School	Alpine District	Play It Out
S2201	Sarah Stephenson, Dallin Durrant & Ian Cham	Biology & Biochemistry	11th	Senior	Pleasant Grove High Schoo	Alpine District	Testing the Efficiency of Enzymes Found in Lentinula edodes and Agaricus bisporus in Differen
S2202	Connor Dalton	Biology & Biochemistry	12th	Senior	Paradigm Academy	Charter School	Phone Bath
S2203	Ethan Conder	Biology & Biochemistry	12th	Senior	Pleasant Grove High Schoo	Alpine District	Antibiotic Resistance of Soil in Utah Valley
S2204	Abnar Uddin, Emma Wirig & Charlie Cotton	Biology & Biochemistry	9th	Senior	Maeser Prep Academy	Charter School	Decomposers' Digestion: Are They Linked?
S2205	Jesus Helam Baca	Biology & Biochemistry	12th	Senior	Pleasant Grove High Schoo	Alpine District	The Effect Liquid Meat Has on Wisconsin Fast Plant Germination
S2206	Sasha Benitez	Biology & Biochemistry	12th	Senior	Pleasant Grove High Schoo	Alpine District	How the Anthocyanin gene affects stem color in rapid cycling Brassica rapa, Wisconsin Fast Pl
S2207	Hannah Lassen, Matilda Carling & Tori Brinke	Biology & Biochemistry	12th	Senior	Pleasant Grove High Schoo	Alpine District	Using the Internal Transcribed Spacer (ITS) regions of fungal ribosomal DNA to create an evolu
S2208	Marjorie Story	Biology & Biochemistry	11th	Senior	Pleasant Grove High Schoo	Alpine District	antibacterial properties of common household items
S2209	Tyler Chappell & Ethan Callaway	Biology & Biochemistry	11th	Senior	Pleasant Grove High Schoo	Alpine District	Testing the Correlation Between Having the TAS2R38 Taste Receptor Gene and the Liking of Br
S2210	Daniel Leach	Biology & Biochemistry	12th	Senior	American Fork High Schoo	Alpine District	Cellulose Acetate Particles' Effect on the Occurrence of Horizontal Gene Transfer
S2301	Merari Perez	Biomedical, Medicine, & Health Science	11th	Senior	Pleasant Grove High Schoo	Alpine District	Testing Antibiotic Resistance
S2302	Caleb Hoopes, Jackson Christensen & Isaac F	Biomedical, Medicine, & Health Science	9th	Senior	Canyon View Junior	Alpine District	How Shoes Shape your Foot Health
S2303	Sarah Lambert	Biomedical, Medicine, & Health Science	12th	Senior	American Fork High Schoo	Alpine District	The efficiency of cloning a-antigen-cleaving enzymes through pET vectors in E. coli
S2304	Katelyn Sutch	Biomedical, Medicine, & Health Science	12th	Senior	Pleasant Grove High Schoo	Alpine District	Measuring fat percentages in food
S2305	Sarah Lee	Biomedical, Medicine, & Health Science	12th	Senior	Timpview High	Provo District	Increased Adaptation, Response Amplitudes, and Dynamic Range in Light Responses of Mous
S2306	Edwin Valadez, Callie Brough & Ila Bezzant	Biomedical, Medicine, & Health Science	12th	Senior	Pleasant Grove High Schoo	Alpine District	Daphnia pulex on drugs
S2307	Michael Judge	Biomedical, Medicine, & Health Science	12th	Senior	Lone Peak High School	Alpine District	Impact of Inducible Depletion of Sequestosome-1 (p62) From Endothelial Cells on Intrinsic Ar
S2308	Afton Johnson	Biomedical, Medicine, & Health Science	9th	Senior	Early Light Academy	Charter School	Elucidating the Effects of Heated Bottled Water on Escherichia Coli Growth
S2309	Nancybel Paz	Biomedical, Medicine, & Health Science	10th	Senior	Paradigm Academy	Charter School	Could paintings be dangerous?
S2310	Meleani Tukuafu	Biomedical, Medicine, & Health Science	11th	Senior	Pleasant Grove High Schoo	Alpine District	Carbamazepine Safety and Effects
S2401	Gwen Christiansen	Chemistry	11th	Senior	Pleasant Grove High Schoo	Alpine District	The Speed of an Alka Seltzer Tablet Reaction Based on the Size of its Reactants
S2402	Braden Greene & Nolan Skousen	Chemistry	9th	Senior	Early Light Academy	Charter School	MOPEK



S2403	Molly Burton	Chemistry	12th	Senior	Pleasant Grove High School	Alpine District	Salvaging Seized Chocolate Through the Manipulation of Emulsifiers
S2404	Louisa Lyons	Chemistry	12th	Senior	Pleasant Grove High School	Alpine District	Rating At-home Surfactants Using Capillary Action
S2405	Emma Southard	Chemistry	12th	Senior	Pleasant Grove High School	Alpine District	Comparing the Effectiveness of Fingerprint Fuming vs Dusting
S2406	Conner Andersen	Chemistry	9th	Senior	Canyon View Junior	Alpine District	Freezing Point Depression
S2407	Karli Graybeal	Chemistry	11th	Senior	Paradigm Academy	Charter School	RAD CUPS
S2501	Katelyn Johnson	Earth & Environmental Science	12th	Senior	Westlake High School	Alpine District	Solving the green problem of Utah Lake
S2502	Martin Juarez	Earth & Environmental Science	12th	Senior	Pleasant Grove High School	Alpine District	Clearing the air, colorful lichens response to air pollution
S2503	Laura Davis	Earth & Environmental Science	12th	Senior	Pleasant Grove High School	Alpine District	The Effect of 'Green' Cleaners and Conventional Cleaners on Mealworms ( <i>Tenebrio molitor</i> Linnaeus)
S2504	Brock Barlow	Earth & Environmental Science	9th	Senior	Timberline Middle	Alpine District	The Effect of Car Exhaust on a Basil Plant's Growth
S2505	Amber Schiszler	Earth & Environmental Science	9th	Senior	Willowcreek Middle	Alpine District	Toxic Bloom
S2506	Talmage Wallace	Earth & Environmental Science	11th	Senior	ALC	Nebo District	Phytoremediation and Harvester Ants
S2601	Tyler Shumaker	Energy: Chemical & Physical	12th	Senior	Westlake High School	Alpine District	The Efficiency of Water Electrolysis and the Ratio of Energy Used vs. Energy Gained via Combustion
S2602	Ammon Bahr	Energy: Chemical & Physical	9th	Senior	Maeser Prep Academy	Charter School	Absorbency
S2603	Carter Flint	Energy: Chemical & Physical	9th	Senior	Timberline Middle	Alpine District	The Electric Garden
S2604	Clayton Campbell	Energy: Chemical & Physical	12th	Senior	Westlake High School	Alpine District	Electrostatic: A New Hope For Renewable Green Energy
S2701	Yuexi Chen	Engineering: Electrical & Computer Science	12th	Senior	Westlake High School	Alpine District	Traffic Light Color Detection with Arduino
S2704	Connor Anderson Barrera	Engineering: Electrical & Computer Science	9th	Senior	Paradigm Academy	Charter School	Can AI drive a Roomba
S2703	Sky Teeple	Engineering: Electrical & Computer Science	12th	Senior	Provo High	Provo District	A Novel Approach for Optimization of Genetic Algorithm Parameters Used in Solving NP Complete Problems
S2702	Dylan Rechtenbach & Jayden Burgener	Engineering: Civil & Environmental	9th	Senior	Early Light Academy	Charter School	Optimizing Magnet Orientation for Peak Performance in a Maglev Train
S2705	Alex Covington & Carson Eckman	Engineering: Materials & Mechanical	9th	Senior	Early Light Academy	Charter School	IR Interacting with colors
S2706	Elliot Mitchell	Engineering: Materials & Mechanical	9th	Senior	Early Light Academy	Charter School	What is the Best Liquid Propellent for a Rocket?
S2707	Elsa Wall	Engineering: Materials & Mechanical	11th	Senior	Paradigm Academy	Charter School	Through the Looking Glass
S2708	Aidan Bosh	Engineering: Materials & Mechanical	10th	Senior	Westlake High School	Alpine District	The separation of nuclear waste via boiling points
S2801	Jessica Orocio Ordonez	Physics, Astronomy, & Mathematics	11th	Senior	Timpanogos High School	Alpine District	Parallax
S2802	Zoe Dickson	Physics, Astronomy, & Mathematics	11th	Senior	Lone Peak High School	Alpine District	Identifying Possible Transiting Exoplanets in the TESS Database
S2803	Fianna Smith	Physics, Astronomy, & Mathematics	11th	Senior	Herriman High	Jordan District	Electrifying Lake Mud
S2804	Kaitlyn Skarda	Physics, Astronomy, & Mathematics	10th	Senior	Pleasant Grove High School	Alpine District	Acoustical Analysis of Violas of Various Sizes
S2805	Abe Tanner	Physics, Astronomy, & Mathematics	9th	Senior	Mapleton Jr. High	Nebo District	Nuclear Star in a Jar 2: The Tokamak



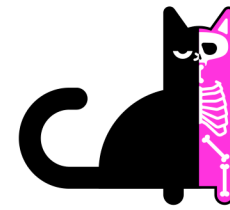
**Check out the map  
on the next page and find  
where your project will be set up.**

**See something incorrect?  
contact the humans:  
[admin@cusef.byu.edu](mailto:admin@cusef.byu.edu)**

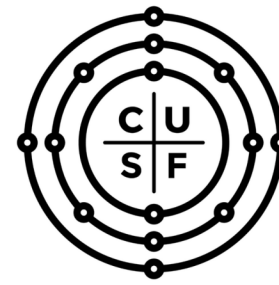


Day 3

# STEM FAIR MAP



COVERED PATIO



CENTRAL  
UTAH  
STEM  
FAIR

Junior & Senior THURSDAY  
MARCH 21, 2024

