

Science Education Fair Topic List

Students highlighted in BLUE are in Mrs. Sandoval's Honors Class

Student Name	Topic	How the topic will be covered/researched.
Abbey Forshee	Tornadoes and the different sizes	How big tornadoes and how fast they go
Adam Jones	space travel and time stuff	how space travel works and how time in space is different
Addison Newman	Science behind corral reefs	
Aiden Brand	How does electricity makes things works	How electricity makes thing work
Alamilla, Andy	body armor	how it would save you
Alayna Miller	science behind ballet	https://ed.fnal.gov/trc_new/demos/present/physofballet.pdf
Alejandra guiterrez	San Francisco earthquake 1906	I will be talking about how did it happen, what causes the earthquake to be so big.
Alex Udave	soccer	the science behide curving a soccer ball
Alexa Steward	Electricity	How is electricity conducted
Alexandra Maley	physics in basketball	pysics in shooting a bastetball
Alton, Skylar	welding	science behind it
Amaranta Serranto	Neptune	
Anderson, Hayli	Jacques Cousteau	Who he was and his contributions
Anderson, Jesilyn	Mount Pinatubo	
Anderson, MaKayla	Phobias	What is the cause behind phobias?
Angelina Sanchez	Chicken Pox	what is chicken pox
Angie Pinales	volcanoes	science behind volcanoes
Arana, Edgar	Why does a soccer ball curve?	Why it curves in the air
Arrek werner	liquified air	science behind liquified air
Asher Ross	oil rigs	the diffrent types and the sciance behind them
Aubrie Breinholt	Dyslexia	what it is and tell about it
Aylissa Ellis	What Muscles Does Dancing Ballet Strengthen?	what muscles dancers have to have
Baker, Brennan	The history of space flight	How humans have gone to space over the generations
Baltzer, Teague	The science behind dentistry	The history and tools used
Barr, Kayden	endangered species act	History of the endangered species act, what organisms it covers, etc.
Barrick, Lauren	Neptune's Weather	Information about, how we know, etc.
Baylee Adair	chess	math and science behind chess
Baylor Nehrenz	science behind soccer kicks	how different soccer kicks are done and the science and physics it takes to do them
Beagley, Taylor	the invention of the light bulb	the science history behind the invention of the light bulb
Beatty, Tesia	violin and hearing	how the brain waves change
Beaumont, Rylee	Lung Cancer	Who is working on a cure and what the stages are and how many therypy.
Becerra, Lesly	Sally Ride	History and story about Sally Ride: Physicist, Astronaut, Teacher.
Bedolla, Ariana	science behind kindness	How kindness affects people and how it changes them.
Benjamin Gifford	common cold	What causes and how to prevent a cold
benji herring	virtual reality	how doesl virtual reality work
Benson, Treven	Grand Canyon National Park	History, Geology, etc.
Bergener, Aspen	Telephones	How do they work
Bergener, Brylee	science behind face cleanser	I need information on how cleanser works on the face and how it works with the face.
Black, Tevin	Charles Goodyear	Who he is, inventions, science behind rubber.
Blake, Nathan	William Cooke and Sam Morse	History behind the telegraph, how the telegraph works, science behind it.
Bradbury, Ethan	Stephen Hawking	Who he is and his contributions to science
Braidon Adams	jets	how and why it works
braxton brindley	black holes	how they form
Breinholt, Malayna	Mesothelioma	Discuss the cancer, how you get it, what the cells do, how its diagnosed and cured.

Bridges II, David	The Science Behind Video-games	I want to go into the history and evolution of the computers used to make video-games.
Brinley Christensen	Diamonds	How diamonds are formed, geology of diamonds, etc.
Brown, Avery	The science of Dreams	-Why we dream? -Psychological connections -What do dreams mean? -Why do some people dream and some don't? -Why are some dreams easier to remember? -Emotional connections (everything)
Brown, Kate	Medicine-Tourette Syndrome	What causes tourettes and why does tourettes make you tick.
Buschman, Danielle	sink holes	facts on sinkholes
Bybee, Bailey	hair color/dye	the pigments in hair and hair dye
caleb fuson	Autonomous driving	bad things about
Carpenter, Jordan	evolution of bullets	How far bullets have come
Carson Carpenter	microscopes	how it works
Carson Hopkins	How the m16 is gas operated	There is a gas piston by the barell that puts high pressured gas in the barrel instead of recoil
Carter Hunt	Computer Animation	How and why it came to be, and what it does
Carter, Laine	Left Handedness	The science behind left handedness, genetics, etc.
Castillo, Brigitte	Coral Reefs	locations, ecosystems, endangered, etc.
Cavalieri, Gracie	The evolution of clothing style	How modesty and fabric styles have evolved
Chamberlain, Kayla	deep sea exporation	sea animals
Chayton Lundgren	bmx	why there are different kinds of tread
Chloe Maxwell	Rain Forest	What a rain forest is, what animals live in it, how big it is, and how many trees have been cut down per min., and intresting facts.
Chuning, Kristie	Great Barrier Reef	how the reef was formed
Clark, Celsalyn	Hurricanes	the science behind hurricanes and why they occur
Clarke, Harrison	inventions of turbines	
Coates, Alexys	Where does fresh water come from and what is effecting it	what affects fresh water and where we get most of it
Colbert, Bree	San Francisco Earthquake 1906	How the plates smashed and caused the buildings collapse.
Coleman, Shelby	general music	How the brain processes music, general music, ect.
Colter Gasser	What are all the parts of an Atom other than the 3 main parts and how atom ions and Isotopes affect the particle count?	I'll break it down to what particles make up protons, neutrons, and electrons. Also see how atom ions and isotopes affect the particle counts?
Conger, Denym	Virtual Reality	I will find how it affects you and your body, how it works, and how it has developed from the past till now.
Cook, Sydney	science behind roller blades	sciencs about it and who invented it
Cory.Paradise	Computers	How touchscreen respond to touch and how monitors produce color and what make's them do that.
Cox, Alexia	The science behind Melanoma Skin Cancer	Symptoms, Treatment, Prevention, Medicine,
Cox, Cassidy	Barrel Racing Equipment	The science behind barrel racing equipment and why some is better than others.
Crawley, Ethan	The science behind mars	how scientests figure out science about mars
Creamer, Karson	Guitars	Science behind guitars
Cruz, Jessica	Shooting Stars	How they explode and how they die and what happens after
Culler, Savanna	memory disorder/amnesia	Amnesia is the general term for a condition in which memory can disturbed the memory in a way of forgetting.
Dagan J. Dalton	CT Scan Machines (Cat Scan Machine)	The life that lives around them and what the coral reif use to stay alive.
Dakota Owen	Arthritis?	science behind atrthritis in animals
Damon Bradshaw	stars/space dust	what happens to stars over time.
Davenport, Jessica	Galileo Galilei	Who he was, his contributioins to physics.
Davidson, Delauni	Zika Virus	Zika Virus
Davin Roundy	Arches National Park	How it is formed
Dearden, Allyson	Brain Cancer	The medicine on how to cure it

Dettling, Keely	Glacier	how it was made (Montana: Glaciers Park)
Dewhaun Benson	The mathematics and geometry to the algorithm of a Rubik's Cube	The mathematics and geometry behind the algorithm of a Rubik's Cube
Dex Hayden	Electric cars	how they make the battery's last so long and how the battery's are able to make the car move and go so fast and how fast battery powered cars can go and how long they take to recharge and how long the battery's will last and how long the battery's can go without being charged.
Dylan Rice	Space Flight	Physics, History, Cost and Time
Esteban, Marcos	10 hispanic scientists	Historic timeline? Info on each?
Ethan Rigtrup	Chernobyl Accident 1986	what happen and the effects and amount of radation
Farrow, Cole	Science behind baseball bats	Which bat is best to hit dingers with
Figueroa, Jason	Dust Storms	Dust storms
Fisher, Halle	Schizophrenia	Diagnosis of Schizophrenia, the science behind Schizophrenia, the possible cures, is it genetic, and the overall effects of schizophrenia.
Fletcher, Ronin	Chernobyl Nuclear Accident	How it happened, when it happened, what was it like after the incident, ect.
Floyd, Brayden	The science behind football hits	how football hits effect the brain and concussions
Gabe Calderone	Global Warming	How is it damaging the earth
Garcia, Lizbeth	Rain Forest	Im going to do research on what we know about rain forest and what we dont know whats actually happening to them.
Gatdula, Andrea	Leonardo da Vinci	how da Vinci puts science in his art
Gavin Creamer	binoculars	how are they made
Gonzalez, Camila	skin cancer	treatment
Green, Abigail	William Clayton	How he made the Odometer and what he used before he made it
Greenhalgh, Brenden	tsunami	How tsunami is formed and how they work
Gutierrez, Allie	San Francisco Earthquake 1906	How it occurred, damage, science behind the earthquake
Hafley, Andrew	Robots	Science behind robots
Halladay, Rennen	the science behind a bow and arrow	the wooden bow that indians used and how time has changed the bow
Hallie Hawkins	Cancer treatments	why they work
hallie potter	Does your hitting approach effect how hard the volleyball is hit	How hard someone can hit it with a 4 step approach or if they can hit it harder with a 3 step approach.
Hallows, Maizee	Northern Lights, Alaska	Why the Northern Lights occur
Hancock, Autumnn	U.S. National Park Zion National Park	The whole entire science of it.
Hannah Tilman	corn	science behind the different types
Hatch, Gunner	antibiotics	penicillin supper bugs stuff antibiotics treat germs when antibiotics are prescribed
Haycock, Jene	the black plague	how it spread/what they could have done/could it happen again
Haycock, Morgan	osteosarcoma cancer	Diagnosis process, treatment, how it effects the body
Hedrich, Jayson	San Andreas Fault	History behind the fault, science of how it happened, etc.
Henderson, Tanasia	Mount Everest	Everything about it and how it formed
Heyborne, Dylan	Fire tornado	how they are formed and how they react with the enviornment
Hill, Haislee	Artificial Organs	How they are manufactured, who gets them, etc.
Hirschi, Zachery	Science of the Football	Materials used to make footballs, psi, differences between NFL and little league balls, etc.
Hollis, Keegan	The science behind lasers	The way lasers work
Horton, Rylie	Light pollution	What light pollution is and why it is bad
Hudson christensen	spotting scopes	they are used for looking for deer and other stuff
Hunt, Malorie	The History of Angelman Syndrome	I will be talking about all of it. The genetics, symptoms, how it was discovered and so on.

Hunter Reber	How was Pangea formed and seperated	What the people think, how it was created, how it was seperated, and how life would have been on it.
Hutch Miller	cancer prevention	How to help and prevent getting cancer so not as many people now get it.
Isaac Bezzant	Multiple Personality Disorder	The causes and treatments for this disorder
Isaac Potter	Deep Space Exploration	Planets that have or can have life/technology needed.
Isgrigg, Abigail	Attention Deficit Hyperactivity Disorder	How people get this disorder and what medication, etc could help make it controllable.
Isom-Courtney, Shyann	Constellations	History, Formations, Stories, etc.
Jake wilson	Yellow Stone	geysers
Jake, Lorena	NASA	Science behind NASA, scientists, etc.
Jansson Crowell	Lava	Science behind lava
Janzi Horman	Leukemia Cells	How Leukemia is formed in the body.
Jasmine Pruitt	Hurricanes	How are Hurricanes are formed
Jaxon Wright	Guns	How they work and how they have improved
Jayde Prsbrey	Gymnastics Flexibility and Muscles	What muscles you need to train for flexibility and how they help you
jaylie roden	tourette syndrome	what causes it, symptoms and treatment
Jayson	San Andrea's Fault	event itself
Jazzlyn Forsyth	The Science of Mac Cosmetics	What its used for, how its made, And why people use it
Jensen, Auroiya	Nikola Tesla and inventions	What he did with the invention of the light bulb Things on Tesla coils How he came to taking an intrest in electricity He's biology and background on his family
Jensen, Ian	Quantum Mechanics	Science of Quantum, Discoveries and scientists involved with it.
Jessen, Sydney	Asperger's Syndrome	How Asperger's syndrome is diagnosed and the symptoms of Asperger's, people who can help with it, and medications and treatments that help with it.
Johnson, McKenzie	Lightning	Why is there lighting, how do we go from a lighting strike to a lighting storm, what are the impacts of lighting, how dose lighting form, what tools we have come up with to predict lighting storms???
Jones, Kyle	welding machines	science behind welding
Jordan, Calli	Ebola	Treatment, cause, and symptoms
Josephine Etchison	Vincent Van Gogh	His mental illness
Joshua Perez	science behind the affects of music on your mood	
Kade.Edgel	The Universe	How many galaxy do we know about. How many stars are in one galaxy.
Kaden Peterson	consussions	what happens to brain
Karen Mejia	Zion National Park	how it was formed, geology of it
Kaysha Peterson	Dyslexia	What causes dyslexia?
kayson Hillyard	rugby balls	how were rugby balls made to preforme
Keaneu Romero	Bryce Canyon	geology, how its formed
keianna pittser	alzheimer's disease	how you get alzheimer's
Kelsey Peterson	Migraines	All about migraines, how they occur
Kimberly Wood.	cars	engineering of cars
Kimberlyn Camba	Ebola	How Ebola affect people lives
Kody Callison	Science behind a curveball	how the ball curves
Kru Huxford	What are the symptoms to your brain and body when a concussion occurs?	I will be presenting what the symptoms to your head and body are after having a concussion.
Kyler cook	San Andreas Fault	why the fault is where it is
Kyson	invention of smallpox vaccine	how and why the vaccine was created and when
lane Hart	solar energy	how solar energy works
Larissa Griego	addiction	what the things contain to make it addictive
Lauren B	How Neptune's weather affect the planet.	temperature, climate, rocks and storms.
Layton Winter	pressure on body in deep sea	how pressure affect you in deep sea exploration
LeBaron, Braxton	Chernobyl Nuclear Explosion	why it blew up and some other information

Leek, Kavan	the eye of a toranido	a bout toranadioes
Levi Arteaga	John Browning	Fast firing rifles
Little, Tiffany	alzheimer's disease	research on what (and why) happens to the brain and how it progressess
lluvia perez	skateboards	all about skateboards how they are made wa kind there is wat u need to make one
Maci Robinson	The Science in Softball Pitching	How the science in pitching will affect how hard, accurate, and fast you can throw the ball.
Mackay, Caroline	Softball Cleats and how they affect how you play	How they affect how they pitch, hit, run, slide, etc.
Madsen, James	Computers	Timelines, size, resources needed to build, advancements in computers
Maine, Tyler	Challenger Explosion	The science behind the explosion
Maloney, Joshua	Modern Farming & Agriculture	encyclopedia.com
Mario Alvarez	Air plaines	about how an airplaine can take off and the lift and string. Also how it lands.
Marriott, Tyson	Black Plague	The history of it and how it was stopped
Matheson, Olivia	Kevlar	Invention of Kevlar
Maxwell, Braden	hurricane katrina	how hurricanes are created and how they work.
Megan Covington	how do bees work together to create and sustaine a hive	how bees work together to create a hive and how they can sustain it. Where they put their hive, how they make the wax for the hive, how they make honey, how they keep the hive safe, and what the queen does.
Mercedes Caldwell	Alzheimer's disease	what causes it
Merrell, Brooke	Dyslexia and how it effects the brain and how you can improve it.	What causes dyslexia and how it effects how you see numbers and words.
Mia Gatherum	Facial Expressions	How the muscles in your face are used to create facial expressions
Michael Palmer	space flight	how do rocket engines work
Michel, Luis	Bullets	The change in bullets over history
Miciah bledsoe	Grand Canyon	How it was formed, geology
Mikey Mecham	Why the knuckleball takes such a knucklehead path	The path of a knuckleball
Miller, Delaney	Bioluminescence	Angel's glow, the chemistry reaction which causes the light, the organism that have bioluminesence, how the bioluminescence is useful for the organism
Millett, Tatum	Coral reefs	coral reefs dying
Monaghan, Shaun	henry	its from 1860 it was used in the amarican cival war
Monroy, Maribelle	Cerebral Palsy	How it affects the brain
Munster, Marissa	Nuclear medicine	Nuclear medicine is the branch of medicine that deals with the use of radioactive substances in research, diagnosis, and treatment.
Musgrave, Chance	Addictions (treatment in cocaine)	Treatment in cocaine
nathan nakai	Animations(by computer)	the science behind computer animations
Nelson, Brecklyn	Depression	How to tell if you have depression. Helpful ways to end depression.
Nelson, Hailey	Mount vesuvius	Why do volocanos take so long to errupt.
Nelson, Ryann	down syndrome	what causes it, how we could avoid the issue, the effects
Nicholes, Kaleb	Deer Behavior	how deer behave.
Nichols, Noah	Skin Pigment	Why we have different skin, and the causes of having different skin.
nick wright	what makes a baseball bounce.	whats inside of it and how that helps it bounce.
nicolas Quastad	how to grow avicoto seed in wenter time in a house than plant it outside when growing go	how to grow avicoto in side in winter inside then out side
Nielsen, Kylie	Northern Lights	
Nielson, William	3D Printing Technology	The history and science behind 3d printers and there products
Noelani Hansen	The science behind basketball shoes.	How it increases your jump, and how it has improved over time, and the science of Jumpology.
O'Sullivan, Cassidy	Dyslexia	the science and history behind dyslexia
Olivia Burgoz	Brain research	memory part of brain

Olson, Destiny	Addiction(cause & effect on brain)	How drugs effect your brain
Orton, Raigen	Skeletal System	Skeletal System
Ostler, Parker	Airplanes	The science behind how airplanes work
Overson, Trace	tectonic plates	the way they work
Parker, Kyson	Small Pox Vaccine	How vaccine came about, conditions, who discovered, etc.
Parker, Payton	computers	the CPU and memory.
Pettit, Hayzen	major rivers of world	nile river
Pjevac, Tristan	Tsunamis	How they are formed, the logistics behind them, the destruction they can cause, seismic activity with tsunamis, etc.
precious torres	the amazon river	how it helps the wild life and people
Quigley, Tavin	endangered species	what are the endangered animals ,and the most likely animals to go extinct
Quintana, Kenia	the science behind makeup	how makeup was started , its controversy , the chemicals in makeup , the testing , and how its progressed through out history
Ramos, Mike	Deep Sea Exploration	Dangerous and Deadly Sea Creatures
Reber, Jacqueline	The Science Behind Dance	I will be presenting how science effects dance and the science behind the dancers.
Rember, Cheyanne	The difference between Methamphetamine and Amphetamines	The information will be a comparison between the two drugs with names and uses.
Richardson, Tre	Tsunami	landslides on the sea floor, and slumping into the ocean,major volcanic eruptions or large meteorite impacts.
Rieff, Haylie	geology	rocks
Robinson, Maci	Softball Pitch	How a softball is thrown, physics and mehcanics, history
Robinson, Rickson	biofuel	why biofuels may be a better idea to use instead of fossil fuel
Rohrer, Sierra	anesthesia	How it was created and why plus what its used for
Rowley, Matthew	Home Building	Science behind how they build homes in "Strange" places (ex. Cliffs, mountains, etc.)
Rylie Houston	Tuberculosis	How you get tuberculosis and the causes that can happen
S. Malee Hansen	the crown-of-thorns starfish	Why does the crown-of-thorns-starfish eat coral? Does it help or does it destroy?
Sadie Slack	how to throw a change-up	how to throw a change-up in softball
Sanders, Alissa	Geodes	How they are created, used, locations, etc.
Sarah Winn	The great wall of China	
Sawyer, Elijah	Cars	Science behind Cars
Sealock, Alicia	Coral Reefs, I found an interest in them.	How they are being destroyed and information on what they are like.
Shakespeare, Cameron	CERN	This facility has invented some of the worlds greatest things including the world wide web. They have some of the greatest minds ever working together to invent and discover and I would like to talk about their work.
Shamsie DeMille	Havasupai ,Grand Canyon	The science behind how the water falls created.
Sharp, Laci	softball	Science behind the softball, materials, inflation? Uses, etc.
Shawnmarie Underwood	Canyonlands National Park	geology of canyonlands
Sherratt, Saydee	Dyslexia	How it is dignosed, how it affects learning and development, how people can overcome it
Shields, Megan	I want to do the science and history of the tap shoes.	I will be presenting the shoes the laces the heel the ball the arch and what it is made of, and possibly the foot to fit in it.
Siarah Straight	Alzheimer's disease	what we are doing to get rid of it.
Slade, Ashlynn	Quality of Cello Sounds	What effects the quality of cello sounds and how to tell if it is a good cello
Sowards, Anna	Baking	food science - Baking
Spencer Cheney	Magnus Effect	What its about and how it is important to sports and other things
Spencer, McKayla	what disorder makes your vision blurry and how they solve it	how the eye has a disease and how it develops in eye wear
Stevens, Katelyne	The effect of salt and sugar on the freezing point of water	The science behind salt and sugar.

Stillman, Peyton	Radiation	what effects radiation has on the body with different amounts of rems (unit used to measure radiation dosage) and what effects it has on the environment.
Stratton, Issac	Electric Car	Image result for electric cars An electric car is an automobile that is propelled by one or more electric motors, using electrical energy stored in rechargeable batteries or another energy storage device. Electric motors give electric cars instant torque, creating strong and smooth acceleration.
Stucki, Sidney	Thomas Edison	History, Inventions, Importance, etc.
Swope, Claire	Alzheimer's disease	How Alzheimer's disease is passed around in the gene pool, and what it is. I would also enjoy researching the advancement of the cure for the disease.
Sydnee Turnbaugh	Behind the science of Addiction	how addiction affects the brain
sydney mecham	bioluminescence	how it works and how it helps the animal etc...
tanner Evanow	is the universe expanding	if the universe is shrinking growing if the big bang could happen again
Tapia, Mary Cruz	Seizures	what are seizures, how are they diagnosed, medicines, etc.
Thayer, Bailey	deforestation	deforestation
Thompson, Miriah	Sapphires	where they are found, what elements are in them, facts, uses, legends healing properties, and varieties.
Tommy Olivas	San Andreas Fault	why is the San Andrea's fault where it is? why its doing what its doing.
Trace Michalosky	The butter fly effect	how it works
Traeson Clark	Diamonds	how they were made, what their used for and why are so strong hand made diamonds
Trey Miller	The Science behind cancer from nicotine	How does smoking and getting addicted to nicotine make you get cancer. Experts agree that tobacco is the single biggest avoidable cause of cancer in the world.
Tyler Bishop	Football	science behind different ways to throw
Vazquez, Angel	fire	science behind fire and how to make fire
Veater, Brodie	Niemann-pick Type C "Childhood Alzheimer's"	Why and how NPC works and is normally only in children. I will study the generic makeup of the children that have NPC and how far they developed before devoloping.
Velasco, Cesar	Ice Storms	How they form, damages, events, etc.
Warhurst, Dawson	sleep	narcolepsy
Warren, Joshua	osteoporosis	why and how it happens
Weylin Cooley	Electric Cars	How they work and how to make them better.
Wheelwright, Alexi	Veterinary Medicine	Science of Veterinary Medicine
Whicker, Brooklin	crystals	science behind crystals, formations, etc.
White, Kolby	The Science behind baseball	How pitchers throw different pitchers or the right hitting form.
Whitehair, Mckenzi	Invention of X-Ray Machine	who invented, how it works, etc.
Whitelaw, Nicole	Hurricane Katrina	I want to present how this hurricane happened, how many people died and all the damage it has done.
Whitnie Cooley	tornados	How do tornados work?
Whittaker, Hailey	the science behind pirouettes	why a dancer never gets dizzy, what torque is and how to turn faster.
Wilcock, Jordon	Amazon River	How is effects ecosystems and supports them, history, location, etc.
Wilde, Matthew	Lighning Bugs	
Williams, Autumn	Victoria Falls, Zimbabwe	the history and the economy of the falls and how it helps its enviroment
Woolsey, Ryan	Reptiles	About the life of reptiles
Wyatt Fournier	Electric cars	how they work
Wyatt Overson	lifting weights	why lifting weights makes muscles bigger
Xander Moring	Evolution	how humans evolved from Apes
Xavier Castaneda	diamond	how they are formed
Yardley, Landon	the science behind a baseball bat	how it works, the history and how it became
Young, Samuel	Yellowstone National Park	History, environment, ecosystems, etc.
ZanderLarsen	digital TV's	how they are made

Zobell, Hayden	Golf swing	The science of the golf swing
Garay, Armando	Zion National Park	The history of the park, when it became a park, organisms in the park, etc.