USEF 2021- Junior Division

	Name	School Name	Project Title
			Do Students Learn Better IN-Person or
Behavioral & Social Science- First	Anna Smith	J.E. Cosgriff Memorial	Online?
Dahayiaral 9 Casial Caianaa Casand	Nathan Windor	Clarke N. Johnson Jr. High	Are fingerprints hereditary?
Behavioral & Social Science- Second	Nathan Winder	Clarke N. Johnsen Jr. High	Are fingerprints hereditary?
			How is accuracy of reading affected
			when the word of a color and the font
Behavioral & Social Science- Third	Isaac Hildebrand	J.E. Cosgriff Memorial	color are different?
Behavioral & Social Science- Fourth	Lucas Norman	Bonneville Academy	Temperature and Memory
			Osmosis: The effect of salt
			concentration on the movement of
	5		water molecules through a cell
Biology and Microbiology- First	David Habib	Challenger School Salt Lake Campus	membrane
	NA:a Cibaba aua	L.C. Coopyiff Managerial	What bird food do bird's in salt lake
Biology and Microbiology- Second Biology and Microbiology- Third	Mia Sibthorp	J.E. Cosgriff Memorial Our Lady of Lourdes	city like best? Do Essential Oils Kill Bacteria?
Biology and Microbiology- Fourth	Maya Phillips Kache Hortmann	Challenger School Salt Lake Campus	Tomacco (Tomato and Tobacco)
Sicroby and Microbiology Tourth	Nache Hoftillallii	Chancinger School Sait Lake Campus	Tomacco (Tomaco and Tobacco)
Civil & Environmental Engineering- First	Gabriela Bergantz	Bonneville Academy	BioPlastic Packaging
Givii & Environmental Engineering- Filst	Sabricia Derganitz	Donnevine Academy	DIOI IUSTIC I UCKUSIIIS
Civil & Environmental Engineering-Second	Aadhi Umamageswaran	American Preparatory Academy D3	Breathe Free!
<u> </u>			Does wind speed affect the rate of
			evaporation of different waters
Chemistry & Biochemistry- First	Trey Nicolodemos	St. John the Baptist Middle School	differently
Chemistry & Biochemistry- Second	Abbey Bowers	St. Vincent de Paul	Boba the Popping Sensation
Chemistry & Biochemistry- Third	Bella Nguyen	Challenger School Sandy Campus	Determining sugar levels in drinks
			Application of Aqueous Solutions to
Chemistry & Biochemistry- Fourth	Ruchiraa Chinta	American Preparatory Academy D3	Prevent the Oxidation of an Apple
Computer Science & Applied			
Computational Methods - First	Shurik Rajeev	West High	Does the News Have Bias?
Computational Methods - First			
	Shurik Rajeev Dakota Lara	West High Kearns-St. Ann	Light sensing robots - into the light
Computational Methods - First			Light sensing robots - into the light
Computational Methods - First			Light sensing robots - into the light Engineering a Submersible Magnetic
Computational Methods - First Electrical Engineering- First	Dakota Lara	Kearns-St. Ann	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic
Computational Methods - First			Light sensing robots - into the light Engineering a Submersible Magnetic
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second	Dakota Lara Beau Saber	Kearns-St. Ann J.E. Cosgriff Memorial	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third	Dakota Lara Beau Saber Jacob Tanner	J.E. Cosgriff Memorial St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third	Dakota Lara Beau Saber Jacob Tanner	J.E. Cosgriff Memorial St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third	Dakota Lara Beau Saber Jacob Tanner	J.E. Cosgriff Memorial St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering- Fourth Energy: Chemical & Physical- First	Dakota Lara Beau Saber Jacob Tanner Anda Xie	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering- Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering- Fourth Energy: Chemical & Physical- First	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering-Third Electrical Engineering-Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil
Computational Methods - First Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering- Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering-Third Electrical Engineering-Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil types
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering-Third Electrical Engineering-Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil types Little Cottonwood Paleodelta in Lake
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering-Third Electrical Engineering-Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil types Little Cottonwood Paleodelta in Lake Bonneville: A Geologic Analog in Utah
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering- Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third Energy: Chemical & Physical-Third Energy: Chemical & Physical- Fourth	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz Esme Thorn	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School Challenger School Salt Lake Campus	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil types Little Cottonwood Paleodelta in Lake Bonneville: A Geologic Analog in Utah for the Rover Perseverance Landing
Electrical Engineering- First Electrical Engineering- Second Electrical Engineering-Third Electrical Engineering-Third Electrical Engineering-Fourth Energy: Chemical & Physical- First Energy: Chemical & Physical- Second Energy: Chemical & Physical-Third	Dakota Lara Beau Saber Jacob Tanner Anda Xie Senya Walker Macie Parker Sophia Lentz	J.E. Cosgriff Memorial St. John the Baptist Middle School West High Union Middle School Clarke N. Johnsen Jr. High St. John the Baptist Middle School	Light sensing robots - into the light Engineering a Submersible Magnetic Device to Capture Microplastic Pollutants from Water Bodies iTub Spring Foreverer Effect of Wavelength on Photovoltaic Cell Power Production Freeze Dried Mystery Pyrometer Potpourri Finding renewable energy: Testing soil types Little Cottonwood Paleodelta in Lake Bonneville: A Geologic Analog in Utah

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Earth & Environmental Science- Third Earth & Environmental Science- Fourth	Eva Dvoretskiy Vineet Subramanyan	Challenger School Salt Lake Campus Challenger School Sandy Campus	What does the air have to do with it? The effect of air quality on the chemical composition of precipitation HOW EFFECTIVE ARE NATURAL WATER FILTERS
Zartir a Zirvirorimientar science i oartir	Villeet Subramanyan	Chanenger School Sandy Campus	WATERTIEFERS
Mechanical & Materials Engineering- First	Quinton Block	Hillside	E-trike
Mechanical & Materials Engineering-			Abrasion Resistance of different
Second	Sarah Fiore	St. John the Baptist Middle School	fishing lines
Mechanical & Materials Engineering-			
Third	Weston Bruderer	Clarke N. Johnsen Jr. High	Bugs On Your Tongue
Mechanical & Materials Engineering-			
Fourth	Lucia Glime & Annika Simons	se Olympus Jr. High	No-Slip Stickers
Medicine, Health Sciences, & Biomedical		,,,,,	Stopping Fungus in Its Tracks with Anti-
Engineering- First	Belinda Hernandez	Kearns-St. Ann	Fungal Agents.
Medicine, Health Sciences, & Biomedical	Delinia Herrianae	Incoming Servini	Does Daily Stretching Effect Your
Engineering- Second	Dylan Anderson	St. Vincent de Paul	Jumping Vertical
Medicine, Health Sciences, & Biomedical	Dylan Anderson	St. Villeent de l'adi	Jumping Vertical
Engineering- Third	Kate Parkinson	West Lake Jr. High	Turtle Mask
Medicine, Health Sciences, & Biomedical	Rate Farkinson	West Lake 31. High	Turtie Wask
Engineering- Fourth	Kristen Layton	Challenger School Salt Lake Campus	Titration degradation
	Kristeri Edytori	Chancinger School Sait Lake Campas	How does the electric current of a
			battery affect the strength of an
Physics, Astronomy & Math- First	Ella Still	J.E. Cosgriff Memorial	electromagnetic field?
r Hysics, Astronomy & Math- 1 list	Liid Juli	J.E. Cosgriii Wemonai	electromagnetic field:
			Mimicking the Eardrum: What is the
			effect of different pitches of sound on
			the movement of salt crystals placed
			on plastic wrap stretched over the top
Dhysics Astronomy & Math Cosond	Kira Schmelter	Challenger School Sandy Compus	of a cookie tin?
Physics, Astronomy & Math- Second	Kira Schmeiter	Challenger School Sandy Campus	or a cookie ting
Physics, Astronomy & Mat Third	James Anderson	St. Vincent de Paul	Skyglow: How The Moon Plays Into It
Thysics, Astronomy & Mac Third	James / Macroon	St. Villeent de l'dui	Skygiow. How the Wood Hays into it
Physics, Astronomy & Math- Fourth	Joshua Hale	St. Olaf	Bending BBs!
			The Effect of Soap Type in Greywater
Plant Sciences- First	Isabella Delagerheim	SLCSE	on Plant Heath
Plant Sciences- Second	Lexi Christensen	Clarke N. Johnsen Jr. High	Seed germination and tempture
			Fertilization levels can affect a plants
Plant Sciences- Third	Fernanda Robles	American Preparatory Academy WV2	growth
Plant Sciences- Fourth	Twila Baer	Union Middle School	Sour Power