

## SEFH Junior Division Winners

Division	Category	Place	Project	Students	District	School
Junior	Engineering: Aerospace	1st Place	Its not rocket science - or is it?	Anisha Parsan	FORT BEND ISD	FORT SETTLEMENT MIDDLE SCHOOL
Junior	Earth & Space Sciences	1st Place	How Does the Sun Affect Radio Propagation	Steven Drabbant	CONROE ISD	IRONS JUNIOR HIGH SCHOOL
Junior	Animal Sciences	1st Place	Let It Glow!	Bailey Foulds	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Behavioral/Social Sciences	1st Place	Determining the Future with Memory	Hayley Jue	CONROE ISD	KNOX JUNIOR HIGH SCHOOL
Junior	Chemistry	1st Place	Does Fabric Softener Affect Flammability?	Rachel DeGeorge	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Plant Sciences	1st Place	It's Not Just Dirt II	Caden Pfluger	CONROE ISD	PEET JUNIOR HIGH SCHOOL
Junior	Physics & Astronomy	1st Place	Cold Concussions	Grant Ebel	MAGNOLIA ISD	MAGNOLIA JR. HIGH
Junior	Medicine & Health	1st Place	Vegetarian Alternatives To Gelatin in Human Digestion	Hannah Omoruyi	ALDINE ISD	Lewis Middle School
Junior	Biochemistry/Microbiology	1st Place	Variation in Polymer Formulation	Lucas Botero	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Engineering: Materials & Bioengineering	1st Place	Tennis Racquet Tension Effects	Christian Dadd	CLEAR CREEK ISD	LEAGUE CITY INTERMEDIATE SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	1st Place	Crossy Road Pedestrian Aid II	Naail Lakhani, Abhinav Sinha, Jayanth Pratap	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	1st Place	Crossy Road Pedestrian Aid II	Abhinav Sinha	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	1st Place	Crossy Road Pedestrian Aid II	Jayanth Pratap	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Junior Team: Physical Sciences	1st Place	Seeds vs. Speeds	Elena Hosseinmardi, Mahika Peri	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Physical Sciences	1st Place	Seeds vs. Speeds	Mahika Peri	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Engineering: Chemical	1st Place	Oil spill magnetic solution	Kaustub Adhikari	CLEAR CREEK ISD	BROOKSIDE INTERMEDIATE SCHOOL
Junior	Computer Sciences	1st Place	Making Driving in School Zones Safer	Aaroh Sharma	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Engineering: Electrical/Mechanical/Civil	1st Place	The Perfect Angle	Shelby Seitzinger	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Environmental Sciences	1st Place	The Effects Of Fertilizers On Daphnia	Ammar Siddiqi	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Behavioral/Biochem/Medhealth	1st Place	An Alternative Antibiotic: An Investigation of the Antibacterial Properties of Natural Substances	Pranav Kumar, David Kim	HOUSTON ISD	Baylor College of Medicine Academy at Ryan
Junior	Junior Team: Behavioral/Biochem/Medhealth	1st Place	An Alternative Antibiotic: An Investigation of the Antibacterial Properties of Natural Substances	David Kim	HOUSTON ISD	Baylor College of Medicine Academy at Ryan
Junior	Junior Team: Plant/Env/Animal	1st Place	Does Boiled Oil Spoil the Soil?	Neelesh Gupta, Kacie Bridwell	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Junior Team: Plant/Env/Animal	1st Place	Does Boiled Oil Spoil the Soil?	Kacie Bridwell	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Energy & Transportation	1st Place	Engineering a novel, efficient, and economically viable triboelectric nanogenerator for energy efficiency, micro-harvesting, and futuristic applications	Derek He	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL

Junior	Mathematics	1st Place	Taking a Byte Out of Zika	Anna Pinchen	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Engineering: Aerospace	2nd Place	Warped Wing Design	Andrew Hart	CONROE ISD	YORK JUNIOR HIGH SCHOOL
Junior	Earth & Space Sciences	2nd Place	The Impact of Color and Fabric on UV Skin Protection	John Sexton	PRIVATE	EMERY WEINER JEWISH SCHOOL
Junior	Animal Sciences	2nd Place	Maximizing Ammonia Output for Aquaponics	Jack Northcott	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Behavioral/Social Sciences	2nd Place	Work Out Your Brain	Silmi Khowaja	FORT BEND ISD	GARCIA MIDDLE SCHOOL
Junior	Chemistry	2nd Place	Dissolving Plastics	Rohan Vaidya	PRIVATE	The John Cooper School M S
Junior	Plant Sciences	2nd Place	Can Absorbent Material Produce a Healthy Crop?	Erica Pokorny	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Physics & Astronomy	2nd Place	Magnetic Linear Accelerator	Nathan Nguyen	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Medicine & Health	2nd Place	Does Age Affect Memory?	Davie Dickinson	CONROE ISD	IRONS JUNIOR HIGH SCHOOL
Junior	Biochemistry/Microbiology	2nd Place	Electricity from Backyard Bacteria	Bharthi Mohan	PRIVATE	St. Thomas Episcopal School
Junior	Engineering: Materials & Bioengineering	2nd Place	The Root" Way to Stay Cool"	Vishnu Swaminathan	PRIVATE	The John Cooper School M S
Junior	Junior Team: Physical Sciences	2nd Place	Icing On The Cake	Hannah Miller, Elise Incavo	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Physical Sciences	2nd Place	Icing On The Cake	Elise Incavo	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	2nd Place	Houses Against Natural Disasters	Julie Trinh, Thuc Vo, Kathy Tran	PASADENA ISD	BEVERLY HILLS INTERMEDIATE
Junior	Junior Team:Engineering/Computers/Mathematics	2nd Place	Houses Against Natural Disasters	Thuc Vo	PASADENA ISD	BEVERLY HILLS INTERMEDIATE
Junior	Junior Team:Engineering/Computers/Mathematics	2nd Place	Houses Against Natural Disasters	Kathy Tran	PASADENA ISD	BEVERLY HILLS INTERMEDIATE
Junior	Computer Sciences	2nd Place	Which Material Can Block a Wi-Fi Signal?	Om Shah	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Engineering: Electrical/Mechanical/Civil	2nd Place	Drone Performance	Vali Khan	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Environmental Sciences	2nd Place	A Comparison of Fallout Pollution in the Greater Houston Area	Sara Adnane	LAPORTE ISD	LA PORTE JUNIOR HIGH
Junior	Junior Team: Behavioral/Biochem/Medhealth	2nd Place	Sensory Distractions Affect On Short-term Memory	Abby Frederickson, Alena Tas	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Behavioral/Biochem/Medhealth	2nd Place	Sensory Distractions Affect On Short-term Memory	Alena Tas	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Plant/Env/Animal	2nd Place	Waste Not Want Not	Colton Whisenant, Cooper Whisenant	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Plant/Env/Animal	2nd Place	Waste Not Want Not	Cooper Whisenant	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Energy & Transportation	2nd Place	Alternate Feedstocks for Ethanol Biofuel Production	Grace Meyer	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Mathematics	2nd Place	Bounds for the 2-adic Littlewood Conjecture	Timothy Haynes	FORT BEND ISD	FORT SETTLEMENT MIDDLE SCHOOL
Junior	Engineering: Aerospace	3rd Place	Applying Wind Turbines to Tropical Storms	Albon Wu	FORT BEND ISD	FORT SETTLEMENT MIDDLE SCHOOL
Junior	Earth & Space Sciences	3rd Place	Measuring induced seismic activity with a homemade seismograph	Victor Markhasin	PRIVATE	EMERY WEINER JEWISH SCHOOL
Junior	Animal Sciences	3rd Place	Lux of Dinoflagellates pt. 2	Faith Powers	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Behavioral/Social Sciences	3rd Place	The Statement That Changes It All: The Effect Of Negative/Positive Thoughts on Athletic Performance	Brayden CookHardwick	CLEAR CREEK ISD	SEABROOK INTERMEDIATE

Junior	Chemistry	3rd Place	Which sports drinks have more electrolytes than orange juice?	Arjun Bhatt	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Plant Sciences	3rd Place	The Effect of Urine on Plant Growth	Dylan Canfield	PRIVATE	EMERY WEINER JEWISH SCHOOL
Junior	Physics & Astronomy	3rd Place	The Dark Side of the Cosmos: The Effects of Dark Energy on the Expansion of the Universe	Jimmy Xin	HOUSTON ISD	PERSHING MIDDLE SCHOOL
Junior	Medicine & Health	3rd Place	Please Waiter, Bring the Bread Later	Sia Ramchandran	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Biochemistry/Microbiology	3rd Place	Garlic Breath is Good for You!	Jennifer Hamad	HOUSTON ISD	PERSHING MIDDLE SCHOOL
Junior	Engineering: Materials & Bioengineering	3rd Place	The Dark -Phyte" Rises"	Adrian Klein	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Physical Sciences	3rd Place	What actually fights the stain	Leah Castaneda, Madison Wetzig	CONROE ISD	YORK JUNIOR HIGH SCHOOL
Junior	Junior Team: Physical Sciences	3rd Place	What actually fights the stain	Madison Wetzig	CONROE ISD	YORK JUNIOR HIGH SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	3rd Place	How High Will it Fly?	Alex Brody, Jackson Nemecek	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Junior Team:Engineering/Computers/Mathematics	3rd Place	How High Will it Fly?	Jackson Nemecek	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Computer Sciences	3rd Place	Testing Pa55w0rd security	Zack Orrick	CONROE ISD	PEET JUNIOR HIGH SCHOOL
Junior	Engineering: Electrical/Mechanical/Civil	3rd Place	Green Clean and Mean : The Future of Concrete	Daniel Yamakov	CONROE ISD	KNOX JUNIOR HIGH SCHOOL
Junior	Environmental Sciences	3rd Place	Liquid Solar Sensation for Parabolic Troughs	Gillian Culberson	MAGNOLIA ISD	BEAR BRANCH JR. HIGH
Junior	Junior Team: Behavioral/Biochem/Medhealth	3rd Place	Emerging Technology of Telemedicine in today's Health Care	Adit Majmundar, Raaghav Kavuri	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Junior Team: Behavioral/Biochem/Medhealth	3rd Place	Emerging Technology of Telemedicine in today's Health Care	Raaghav Kavuri	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Junior Team: Plant/Env/Animal	3rd Place	The Future of Farming: Electrified Botany	David Mao, Arjun Bhatia, Amogha Pokkulandra	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Junior Team: Plant/Env/Animal	3rd Place	The Future of Farming: Electrified Botany	Arjun Bhatia	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Junior Team: Plant/Env/Animal	3rd Place	The Future of Farming: Electrified Botany	Amogha Pokkulandra	FORT BEND ISD	QUAIL VALLEY MIDDLE SCHOOL
Junior	Energy & Transportation	3rd Place	All Gassed Up - Study of Ethanol	Ryan Hurlbert	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Mathematics	3rd Place	Tracking Fitbit's Heart Rate Accuracy	Lauren Coonrod	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Chemistry	Honorable Mention	Corrosion: A bit of a challenge	Andrew Larkworthy	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Plant Sciences	Honorable Mention	Hydroponics: Substrates vs. Soil	Jordan Jernigan	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Medicine & Health	Honorable Mention	Cell Phone Radiation and Cancer	Sanjay Annamalai	CLEAR CREEK ISD	LEAGUE CITY INTERMEDIATE SCHOOL
Junior	Engineering: Materials & Bioengineering	Honorable Mention	Tamporific	Aika Mitchell	ALIEF ISD	ALIEF MIDDLE SCHOOL
Junior	Engineering: Materials & Bioengineering	Honorable Mention	Tsunami Wall	John Kueck	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Junior Team: Physical Sciences	Honorable Mention	Copper Disaster	Jyothi Manoj, Inara Mohammed	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Junior Team: Physical Sciences	Honorable Mention	Copper Disaster	Inara Mohammed	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE

Junior	Junior Team:Engineering/Computers/Mathematics	<b>Honorable Mention</b>	Aquaponics: Growing Plants and Fish Together as one	<b>Camille Chuduc, Megan Straube</b>	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Junior Team:Engineering/Computers/Mathematics	<b>Honorable Mention</b>	Aquaponics: Growing Plants and Fish Together as one	<b>Megan Straube</b>	CLEAR CREEK ISD	WESTBROOK INTERMEDIATE
Junior	Engineering: Aerospace	<b>Honorable Mention</b>	Plane or Fancy	<b>Elliott Hawes</b>	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Junior Team: Behavioral/Biochem/Medhealth	<b>Honorable Mention</b>	Color-Affected Sleep	<b>Troy Dutton, Nicholas Posluszny</b>	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Junior Team: Behavioral/Biochem/Medhealth	<b>Honorable Mention</b>	Color-Affected Sleep	<b>Nicholas Posluszny</b>	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Junior Team: Plant/Env/Animal	<b>Honorable Mention</b>	Plants Fight (Back)terrier	<b>Leilani Beard, Shreya Sakiri</b>	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Junior Team: Plant/Env/Animal	<b>Honorable Mention</b>	Plants Fight (Back)terrier	<b>Shreya Sakiri</b>	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Biochemistry/Microbiology	<b>Honorable Mention</b>	Kontakt Killers	<b>Laurel Sullivan</b>	CLEAR CREEK ISD	SEABROOK INTERMEDIATE
Junior	Behavioral/Social Sciences	<b>Honorable Mention</b>	Effects of Social Environments on a Child's Career Inclination	<b>Mehar Sharma</b>	CLEAR CREEK ISD	LEAGUE CITY INTERMEDIATE SCHOOL
Junior	Behavioral/Social Sciences	<b>Honorable Mention</b>	To Listen or Not to Listen	<b>Caroline Thames</b>	PRIVATE	St. Thomas Episcopal School
Junior	Behavioral/Social Sciences	<b>Honorable Mention</b>	The effect of Font, Font size, and Color on the human memory	<b>Meghan Flanagan</b>	FRIENDSWOOD ISD	FRIENDSWOOD JUNIOR HIGH SCHOOL
Junior	Environmental Sciences	<b>Honorable Mention</b>	Is My Kitty Litter Radioactive?	<b>Samantha Supan</b>	CLEAR CREEK ISD	SPACE CENTER INTERMEDIATE SCHOOL
Junior	Energy & Transportation	<b>Honorable Mention</b>	Energy Born form Corn	<b>Ian Pedroza</b>	CONROE ISD	MCCULLOUGH JUNIOR HIGH SCHOOL
Junior	Engineering: Electrical/Mechanical/Civil	<b>Honorable Mention</b>	Mobile Wind Power For Cell Phones	<b>Ryan DuPont</b>	CLEAR CREEK ISD	LEAGUE CITY INTERMEDIATE SCHOOL