

Community Problem Solving Summaries



2018 International Conference

#problemsolved



Table of Contents	
Contents	Page
CmPS Coordinator Welcome	1
CmPS Team Summaries	
Junior Division	2
Middle Division	8
Senior Division	15
CmPS Individual Summaries	23

Summaries presented come directly from the students as submitted.

Thank you to our IC Sponsors

Clicks to Causes
 Erwin Hosono and Beth Axelrod
 La Crosse Sign Group
 Riker Danzig Scherer Hyland & Perretti LLP

Thank you FPSPI Business Supporters

Avis/Budget
 Games People Play
 HMI
 Indian River Networks
 Interstate Sound
 Kemper Business Systems
 PIP Printing of Palm Bay
 Premier Photos
 Sound Strations Audio Productions Inc
 Superior Trophies
 Tri-State Business Machines, Inc.

Educational Organizations

“The National Association of Secondary School Principals (NASSP) has placed Future Problem Solving Program International on the 2017-18 List of Approved Contests, Programs, and Activities for Students.”

FPS is a proud member of the Partnership for 21st Century Learning, since 2014!

www.p21.org

Grants

Google Ad Grant
 Global Youth Service Day Lead Agency Grant

Visit Zippy Mart in the Student Union for novelties commemorating your IC experience and for books about CmPS and our other components.

Remember to visit the CmPS Fair in the REC Center on Friday, June 8th from 7:30-9:30 pm to view the projects and chat with the competitors.

Future Problem Solving Program International is proud to present the 2018 International Conference Community Problem Solving project summaries. Students competing in this component focus on real community problems. Teams and individual competitors explore local or global issues and select a CmPS project that relates to civic/cultural issues, education, environmental concerns, health concerns, or human services.

International Conference 2018 CmPS Competition Projects

- 19 Junior Division Teams
- 21 Middle Division Teams
- 23 Senior Division Teams
- 12 Individual Projects

Hello CmPSers,

First, I am so happy to welcome you to UWL and IC 2018! You have worked so hard to complete a myriad of fantastic projects. Each of you is a champion to your community and in your Affiliate. Regardless of the results of scoring here, you must remember that the impact you have had on our world is immeasurable. We, at FPSPI, want to thank you for all you have accomplished. You should be very proud.

I have read each of your projects. The depth and variety of the projects has astounded me. CmPS is growing around the world and we have more projects representing more Affiliates than ever before. That certainly attests to the dedication and ingenuity of young people like yourselves who are making differences in your communities and in the world. Congratulations for your dedication and successful completion of your projects.

Good luck as you compete this week. You will be wonderful! Relax and enjoy the International Conference. The memories you make this week will stay with you for years to come. Make new friends; participate in as many activities as you can; and most importantly, HAVE FUN!

I am here to help you with anything you need. Feel free to contact me if you need anything while you are here.

Brenda Porter

Brenda Porter
CmPS Coordinator
Cell # 606.424.1369



JUNIOR DIVISION CmPS TEAM PROJECT SUMMARIES

China – Shanghai Mentored Region

The Library in Our Mind

Shanghai New World Experimental Primary School

Shanghai

Zhang Congxu, Zhou Liwen, Shen Yingyue, Ye Beibei, Ma Yuyang, and Liu Yixuan

Coaches: Yang Jun, Xie Fang, and Tan Jiafeng

JT-1868

In 1980, the "Declaration on Libraries of Primary and Secondary Schools" proclaimed by UNESCO: "Libraries in Primary and Secondary schools are an indispensable undertaking to guarantee effective education for children, and they are the basic conditions for guaranteeing educational achievement in schools." In 21st century, reading plays an irreplaceable role in promoting the all-round development of students' quality, cultivating student abilities, developing individual characteristics, developing intelligence, and fostering sentiment. The fact that the school has a library is to create a world that helps students to read books, broaden their knowledge, and develop in an all-round way.

Florida

L.E.A.P. (Learn, Excel, Achieve, Prevail)

Rymfire Elementary

Palm Coast, Florida

Freddy Gimbel, Caden Cavas, Aiden White, Daniel Jennette, Abby Taylor, D.J. Murry, Kainoa Villaverde, Maken Harding, Wyatt Christlieb, and Sha'niyah Prophete

Coach: Amy Kopach

JT-1853

Project L.E.A.P. (Learn, Excel, Achieve, Prevail) is helping students develop educational plans for themselves that will help them become aware of the steps necessary to achieve their goals. L.E.A.P. has found that many elementary students may know what they want to do when they are older but have no idea what they need to do to get there. L.E.A.P. wants to help elementary students understand that choices and habits they make now will help them get further in middle school, high school, college and eventually, their careers.

Florida

Li'l Pirate Pride

Palm Bay Elementary

Palm Bay, Florida

Jaiden Birdsall, JaeLynn Mohammed, Aidaliz Rosadopadilla, Rocio Pizarro, Savannah Pisanelli, and Alice Terry

Coach: Barbi Miller

JT-1854

Six girls were motivated and eager to increase school pride and spirit, the most important things a school can have. The team felt a sadness at their school when every wall was painted boring tan. The team has hosted Dress Like a Pirate Day, held community events with interactive Li'l Pirate games, and created a video showcasing grown-up Li'l Pirates. Most importantly, they convinced a well-known local artist to paint a spectacular Li'l Pirate mural in the center court area at their school, and they secured sponsors to support the project. These girls were determined to ensure that students were more excited to attend their school. Staff and students love the new mural and can enjoy their school experience.

Florida**The Mathletes**

Rymfire Elementary

Palm Coast, Florida

 Roman Cook, Connor D’Agostino, Tyler Grady, Halley Londono, Cameron Nichols, Matthew Olsen, Holden Slatinsky, David Trujillo, and Ava Wheaton
Coach: Tim Ruddy

JT-1855

The Mathletes recognize that many students at their school are struggling in math. This struggle is compounded with the fact that few students have little support from home when it comes to math in particular. The Mathletes want to empower students by immersing them with math throughout the school by including it not only in the classrooms but in common areas of the school like hallways, special area classrooms and the cafeteria. They also strive to make students and parents more comfortable with math by providing after school tutoring and trainings. The Mathletes want everyone to LOVE math!

Georgia**Buds and Bugs: Improving Biodiversity in our Ecosystem**

Howard B. Stroud Elementary

Athens, Georgia

 Cormiyah Dillard, Daejah DuBose, Christian Fayerweather, Amaria Ford, Kaleb Glenn, Kimora Holliday, Quentin Stephens, Azariah Taylor, Marilin Cruz, Khoriana Barnett, Giovanni Barrera-Munoz, Yessica Carranza-Castellon, Jeremiah Cunningham, William Jackson, and Jada McCommons
Coaches: Leslie Brown, Liz French, and Meg Hines

JT-1809

Buds and Bugs is a project aimed at increasing the biodiversity of our campus by designing and creating a pollinator garden. A pollinator garden would prevent endangerment and extinction of key animals (i.e. insects) that help to pollinate the ecosystem on our campus. Attracting insects such as bees, butterflies and others, can help to encourage pollination and therefore, encourage a diversity of and growth of plants. Having more plants might help oxygen for humans, neutralize the soil and provide food for other animals. Ultimately, a pollinator garden can help provide a balance of nature on our campus.

Kentucky**Foster Friends**

Highland Elementary School

Staffordsville, Kentucky

 Clara Bolden, Madelyn Burchett, Bethany Chapman, Gabe Conley, Trent Cox, Jadyn Estep, John Maynard, and Kiersten Sagraves
Coach: Andrea Hall

JT-1866

“Foster Friends” began when a little girl who attended Highland Elementary was placed into Foster Care. She left school one cold dreary day, frightened and alone with nothing to call her own. We decided to fill backpacks (age, gender, and size appropriate) with everything a child would need for the first couple of nights in their new environment: blanket; new pajamas; stuffed animal; journal; school supplies; small toy/craft; and hygiene products. In addition, we contacted our Kentucky Senator, Representative, and Governor in an attempt to get a law passed stating, “All children placed into Foster Care will receive a Foster Friends Emergency Pack,” giving children all they need for the first three days with their new family.

Kentucky**Project Eagle Wings**

Central Elementary School

Paintsville, Kentucky

Madison Crum, Megan Crum, Landon Fitch, Kiley Hall, Payne Holbrook, Alexis Howard, Abbie McKenzie, Bruce Penix, Cassidy Ramey, and Gage Salyer

Coaches: Tonya Mullins and Miranda Duncan

JT-1815

Project Eagle Wings centers around the idea “Love Thy Neighbor” especially those who seem to have no voice. By creating a “mobile” homeless shelter(s), we can provide a warm place to sleep for those in our community who do not have a home. Our mobile unit will also be used for basic medical services and educational opportunities when not used as sleeping quarters. Mobility puts the service where it is most beneficial. We will utilize this project to better the lives of the homeless population near us. With a focus on a better tomorrow, our message is “Be the Difference!”

Kentucky**Project Snooze**

W.R. Castle Elementary School

Wittensville, Kentucky

Loralei Arms, Jacob Bowen, Adyson Burchett, Cole Butcher, Adara Campbell, Brannan Campbell, Logan Frazier, Kaylee Gibbs, Cain Grim, Brailyn Harless, Haylee Marsillett, Kaylyn McKenzie, Constance Martin, Lauren Trimble, and Paxton Trimble

Coaches: Heather Campbell, Gaylena Burchett, and Rachael Slone

JT-1813

The W.R. Castle Community Problem Solving Team has been working to promote healthy sleep habits and improved sleep hygiene for families in Eastern Kentucky. Project Snooze is a project designed to help kids and their families to get more rest so that they may be able to live healthier lifestyles. The Dream Team has worked with local churches, hospitals, agencies, community members and businesses to purchase beds and bedding for those that do not have them. So far the team has been able to provide 100 beds and bedding to kids in Eastern Kentucky that did not have them. Project Snooze is improving lives one bed at a time.

Kentucky**Project Waterhounds**

Flat Gap Elementary School

Flat Gap, Kentucky

Delilah Back, Maggie Blevins, Brady Ferguson, Bryce Ferguson, Nick Fyffe, Hunter Hamilton, Ava O’Bryan, Abby Ramey, Kyleigh Sparks, Chloe Spradlin, Emily Williams, and Hailee Williams

Coaches: Nikki Ferguson and Larrissa Witten

JT-1814

Project Waterhounds is a team of students from Flat Gap Elementary. Our project is to raise awareness to the importance of children and adults drinking more water, having accessible, clean water, and conservation of water. The team set goals to educate the students and adults in our school/community about water. We wanted provide clean/filtered bottle filling stations in our school, a reusable water bottle to each student/teacher in the school to limit the use of plastic bottles, and to persuade teachers to allow students to have their water bottles during class so they have access to water all throughout the school day. We also provided water to a neighboring county who didn’t have access to clean water.

Massachusetts**Project SNOW: Safeguarding Neighborhoods Over Winter**

John F. Kennedy Elementary & Wm. H. Galvin Middle

Canton, Massachusetts

Pranav Addanki, Anthony Wang, Rhodes Lee, Disha Nayak, Russell Shea, Ishita Jaiswal, Siya Bais, Nishka Baduamanda, Isabella Siu, Sreerama Jonnala, Anika Valluri, and Aaron Wong

Coaches: Vijay Addanki and Anvitha Addanki

JT-1821

Project SNOW is a team created to help safeguard our neighborhoods by raising awareness on how to keep ourselves, pets and environment safe and to reduce the number of injuries during severe winter. Our goal is to assist senior citizens and young children by providing services and activities during winter, protect trees and animals, increase awareness of dangers of adverse winter conditions such as falling tree limbs and slippery roads. We also organized events to highlight the safety procedures to avoid frostbite, hypothermia, carbon monoxide dangers inside homes, safety during shoveling, walking, driving and other daily life activities.

New Jersey**InPhorming Phriends to Phurther Phight Phragmites**

Millstone Township Elementary School

Millstone Township, New Jersey

Kyra Ahuja, Ethan Bailey, Ryan Bailey, Nate Benjamin, Rafferty Burden, James Chen, Anna DePinho, Brendan DeRose, Mahi Desai, Charlie Duffy, Max Glantzberg, Rachel Glantzberg, Evangeline Huey, Gianna Iannaccone, Thomas Maltese, Alexey Nekrasov, Jai Patel, Tia Bajaj, Prisha Kupsad, Gabriella Menar-Nohilly, Gavin Normand, Dylan Quinn, Francesca Scibilia, and Joshua Sullivan

Coaches: Beth Topinka and Jennifer Modula

JT-1828

This year our Phearless *Phragmites* Phighters CmPS team expanded our definition of community to include our entire state of New Jersey. We especially want New Jersey students to become aware of invasive *Phragmites* around their own towns. A digital strategy could reach and inform children throughout our state about *Phragmites*, because almost anyone with a device and internet access can learn with a technology-based, online experience. Our team decided to create an Educator Resource Kit that includes an eBook and a Virtual Reality field trip, as well as resources so students can take action to tackle this harmful species.

New York**Stop the Spread: SUDS for Society**

PS 135 The Bellaire School

Queens Village, New York

Giana Badawy, Imelia Cunningham, Sajia Afin Choudhury, Syeda Nahar, Puneet Mann, Nawar Ahammed, Rubaba Tabassum, Jennifer Mohabir, Sofian Diouorn, Shaun Janmahamad, Ethan Chanderpaul, Aryan Mangar, Daniel Umrou, Justin Victor, and Anthony Carpen

Coaches: Michael Ramlogan and Patti Andreolas

JT-1832

Prior to the start of one of the most severe flu seasons on record, the SUDS team began studying the spread of influenza and its impact on their local community in Queens, NYC. Starting in October, they collected months of data about hand-washing habits in their school by serving as bathroom monitors and were able to significantly impact student behaviors around hand-washing with a campaign that included posters, mirror messages, videos, social media outreach, skyping with another class through Empatico, grant writing, creation of soap and sales, and a school wide assembly.

New Zealand

RATS- Responsible Agricultural Team of Scientists

Hukerenui School

Hikurangi, Northland

Ryan Barnes, Holly Hayes, Isla Purvis, and Kaia Taimana Stevens

Coaches: Bastienne Kruger and Pollyanna Jones

JT-1833

The Responsible Agricultural Team of Scientists (RATS) saw a problem threatening the demise of the authentic learning projects set up in 2015. They realised there was a problem with capability within the school to continue and grow the authentic learning projects. The RATS team realised that the resources provided by experts and sponsors, which supported the school, to use 71% of its unutilised land for education was failing. They chose solutions that focused on developing capability and sustainability within the students and teachers at school in five categories: develop knowledge, re-structure time frames, expand product and produce, further enterprise, and sustainability.

Singapore

OKK-Grampathy

Chongzheng Primary School

Singapore

Syabil Oh Bin Mohamed Yusri, Corliss Toh Yi Xi, Emily Tan Si Ying, Sabrina Lim Jia Qi, Karina Liswandy, Sparsh Vashishth, Sriram Raghav, Grace Goh Si En, Selvaraj Madhan, Natasha Binte Mohammad Zain, Queenie Leo Ziyu, Mohammad Syafriy Ilham, Lam Hiu Thong, Bernice Wong Si Hui, Siti Nur Hikmathul Adawiyah, Boobathiraj Prasanna Raj, Felicia Yong Sin Yi, Tan Wei Yee, Ramesh Viveka Sree, Kuppa Roopa Sree, Trevor Lim Hee Teng, and Kamalraj Mahimashree

Coaches: Tan Mei San, Ameer Ahamed Khan, Ji Peifen and Ng Zonghui

JT-1838

Our previous project had targeted to educate children aged eight and below the importance of practicing empathy through perspective taking so that they can make empathetic decisions in their daily lives. Reflecting on our project, we noted that due to the dwindling Kampung Spirit, there is a heightened sense of entitlement among our younger generations; lacking empathy and sense of reciprocation of kindness received. Thus, there is a need for us to extend this project in 2017 and beyond, to continue to educate our future 'nation moulders' so that they can reciprocate to show gratitude to members in their community.

Singapore

Saving Water At All Times

North View Primary School

Singapore

Koh Olivia, Chew En Qi, Lee Zi Xian Florence, Chan Ken Yew, Chester Yeo, Dawn Chong Wei, Celleste Eng Yui Yye, Er Kah Henn, Enya Tan Xin Ya, Dawn Chung Jia Xuan, and Phoebe Michelle Tan Wen Jin

Coaches: Lee Ke Hin, Darleana Daut, and Paraathi Pachimuthu

JT-1839

Our project, 'Saving Water At All Times', aims to raise awareness about the impact of water wastage on our environment and to encourage children to actively participate in water saving activities so as to reduce their water usage in school and at home. After implementing solutions in our school, we reached out to kindergartens near our school's vicinity to engage preschoolers in activities which educate them about the importance of water saving. To spread our message to the masses, we shared about our project efforts with the general public during Singapore World Water Day events held all over the country.

Texas**Operation Extraordinary**

Crockett Intermediate School

Paris, Texas

Addison Andrew, Anderson Bunch, Ava Fitzgerald, Madeline Green, Destinee Gunn, Chase Lamb, Matthew Miller, and Blake Walker

Coach: Debb Fleming
JT-1843

J.T. walks down the hall with a small group of other students to get to PE. He doesn't look up, nor do several other children in his line. He cringes when others approach him. After PE he will return to a gray room, and focus completely on his teacher, as that is the main person who significantly interacts with him all day. Operation Extraordinary team created opportunities for interactions with our Extraordinary students, who are self-contained, to make friends with other students so they will have the ability to appropriately interact with others in 2018 and beyond.

Texas**Project D.A.R.T.**

Andrews Middle School

Andrews, Texas

Kathleen Curry, Meagan Espinoza, Alexia Hernandez, Kate Hinson, Mariska Hubert, Anisa Jimenez, Madisyn Llanez, Prayer Lorskulsint, Emma McArthur, Bella Newbrough, Jonathan Pipes, Autumn Rivero, Alexa Rodriguez, and Sarah Shaffer

Coach: Holly Edwards
JT-1865

In the year 2017 when the number of natural disasters; such as wildfires, tornadoes, floods, and severe thunderstorms is increasing, how might we Project DART increase the number of households in Andrews County with an effective disaster plan, so that our community can better recover from a devastating event? Hurricane Harvey started us up and we shipped over 350 pounds of school supplies to Refugio. We researched the natural disasters that occur in our area, prepared pamphlets placed around town, performed skits, and educated the public in what to do to be prepared if one occurred.

Turkey**The Lord of Recycling and The Guardians of the Trees**

Nesibe Aydin Schools

Ankara

Duru Calik, Tuana Efza Atik, Nisan Günes Arik, Mehmet Tolga Yildiz, Bora Patoglu, Mete Eken, Sezan Ecevit, Ada Gürel, Berrak Atasoy, Alin Nehir Özer, and Ceylin Nisa Tahmaz

Coach: Tülin Saglam
JT-1850

The aim of this project is to raise awareness by educating ourselves about recycling, make our school eco-friendly. We have tried to create the awareness by having DIY projects, putting up posters and handing out brochures. With the help of the authorities we have managed to put recycling bins all around our school and the recyclable materials are collected on a regular basis. We have managed to get a place to plant trees, and with the money we have raised we're going to buy a lot of saplings and we're planning to have a trip to plant trees just before the summer holiday. As a team we believe that the necessary steps to raise awareness about recycling have been taken.

Virginia

Team H.A.R.M.O.N.Y.

Cople Elementary School

Hague, Virginia

Aven Clarke, Felipe Martinez, Joshua Headley, Sydney Bedford, Jaidyn Burnett, Chase Louk, and Izaak Bojorquez

Coaches: Andrew Woodrow and Anne Evans
JT-1846

With all of the violence, despair, and hatred that we can't seem to escape on the news and social media; Team H.A.R.M.O.N.Y. believes that our schools need to be a place where everyone just feels safe and gets along. We have worked to educate students on why tolerance is important, provided opportunities for students to show their kindness to others, and promoted activities that brought us all together. Our dream is that students carry their kindness with them on a daily basis into our community and throughout the world in order to create a more tolerant society.

MIDDLE DIVISION CmPS TEAM PROJECT SUMMARIES

Alaska

Be[You]: Fighting Teen Substance Abuse

Barnette Magnet School

Fairbanks, Alaska

Ashley Bennett, Hallie Bennett, and Carol Kegley

Coach: Rebecca Kegley
MT-1867

We felt like we needed to get the word out that most teens don't drink, considering that the majority of the teens that do drink start because of peer pressure or because it's considered "cool" or even because they think everyone else drinks. We partnered with the Fairbanks Wellness Coalition, Recover Alaska, and the North Star Youth Court, and have gone to events such as the Tanana Valley State Fair, Safety Day, the Faces of Hope event at the Noel Wien Library, and many others and handed out promotional items to get the word out that 77.2% of Fairbanks teens don't drink. We also held a concert at the local Fairbanks Boys and Girls Club where Shagg, a 70's funk band, played to spread our message that you can have fun without alcohol and have run several social media contests to raise awareness.

Australia

Dementia Care

The Illawarra Grammar School

Figtree, New South Wales

Annabel Hickling-Smith, Lucy Koder, Daniel Michelmores, and Mackinly Zecevic

Coach: Jean Burton
MT-1801

Within our local area there is a rising dementia population who lack stimulation and involvement with young people. Consequently, we have orchestrated a program where students from our school attend dementia homes and run activities designed to entertain and to stimulate the brain. Our team has designed care items and created a weekly visitation program where school students play music and talk with the patients. In conjunction with the NSW Art Gallery, our team has also developed an ongoing program of introducing art therapy in our region and we have integrated this program into our school's community service to ensure continuity.

Australia

plastICS-preventing litter and storm-water trash at ICS

Illawarra Christian School

Cordeaux Heights, New South Wales

Elise Pennicook, Ava Fahey, Annika Hanson, Angelina Kemp, Isabel Smith, Kyuri Kim, and Skye Netting.

Coach: Simone Brown
MT-1802

Plastic packaging is polluting our environment. Packaging in school lunch boxes is a major contributor to landfill, with excess plastic litter often ending up in the ocean. *How might we raise awareness about the impact of soft plastic packaging in lunch boxes so that Illawarra community schools contribute less plastic pollution to the environment by mid-2018 and beyond?*

- We aim to educate about alternatives to single-use plastics, encouraging environmentally informed choices.
- We aim to inform the community about single-use plastic recycling and provide a method for this to happen.
- We engage students through colouring competitions (primary) and photography competitions (secondary) and an upcoming regional training day for student leaders.

Australia

Project Triple F - Fighting Fast Fashion

Strathcona Baptist Girls' Grammar

Canterbury, Victoria

Zoe Lee, Piper Le Page, Alyssa Yap, and Carissa Khong

Coach: Karyn Murray
MT-1803

Our project examines the issue of the excessive consumption of cheap, disposable fashion. Our Fight Fast Fashion project commenced by focusing on the end of the fashion cycle – raising awareness of waste, and reducing the amount of clothing thrown away. It then developed to emphasise education, sourcing ethical fashion and sustainable purchasing. By speaking to a range of stakeholders and promoting our newly designed logo, both within our local community and beyond, we aspire to have promoted our logo and vision to the wider community and have buy-in from major industry brands.

Australia

Recycling Our Planet

St Andrew's Anglican College

Brisbane, Queensland

Lyla Crouch, Maya Brown, and Isabella Fusco

Coach: Peter Hand
MT-1804

Through personal involvement and observations of Primary and Secondary students at St Andrew's Anglican College, we have identified the need for an on-going campaign to educate our school community with respect to developing a deeper understanding of the need to dispose of litter in the correct manner. Throughout this process, we have educated our peers by speaking at assemblies, developing a marketing campaign through the school's newsletter, formed an environmental group that Bin It to Win It days, created signage around the school and monitored the attitudes and actions of staff and students towards litter management on a daily basis.

“Vision without action is merely a dream. Action without vision just passes the time. Vision with action can change the world.”

~ Joel A. Barker

Connecticut**Project S.T.R.E.S.S.**

Captain Nathan Hale Middle School

Coventry, Connecticut

Evan Dailey, Andreana DeCarlo, Reagan Hawkins, Avery Lydon, Samantha Mallory, Ashlyn White, and Olivia White**Coach:** Laura Boates
MT-1808

We chose our topic, kids' stress, because it's a prevalent problem that we see in our community: at school and in our own lives. According to our guidance counselors and principal, the issue has been getting worse recently, and based off of our research, we find that it threatens the health of those who deal with it at an extreme level. Our solution to this issue is to create a club called the S.O.S. club, or Stressed Out Students Club. It'll be for 7th graders during their lunch and will expand to be for all students after school.

Florida**Determined to Diminish Delinquency (DDD)**

Indian Trails Middle School

Palm Coast, Florida

Thomas Carson Canady, Corbin Leonard, Jack Petocz, Kaleb Stevens, and Sadieth Tarr**Coach:** Jennifer Colindres
MT-1856

Between 2016 and 2017, juvenile crime rates have increased dramatically by 105%. DDD, Determined to Diminish Delinquency, is committed to reducing juvenile delinquency acts in Flagler County. Partnering with the Flagler County Sheriff's Department, DDD presented a Juvenile Delinquency Program to 1,000 students throughout Flagler County. DDD created a Juvenile Delinquency Awareness Curriculum, which will reach over 5,000 students. Collaborating with the local Teen Court initiative, DDD is planning to bring mock trials to our school. Our Public Service Announcement Video about juvenile delinquency will be featured in movies in The Park Nights and on live television.

Florida**Planning For The Future**

Indian Trails Middle School

Palm Coast, Florida

Roman Akmentis, Cameron Driggers, Victoria Ganung, Alysa Vidal, and Logan Shafer**Coach:** Jennifer Colindres
MT-1858

Planning For The Future (PFF) has brought Flagler County to the forefront of career planning. Through a progressive effort, PFF is ensuring that every middle-schooler in Flagler County has successful post-graduation plans. Our accomplishments include mobilizing three-thousand students to engage in our career-preparation curriculum, conducting career fairs that brought our guest from the workplace to the classroom, and producing documentaries that depict various careers around Florida. Visiting college campuses sparked a new interest in higher education for at-risk students. Partnering with the Palm Coast Mayor, Flagler Schools Superintendent, and other community officials has catapulted our project to revolutionary heights.

*“Two roads diverged in a wood, and I...I took the one less traveled by,
and that has made all the difference.”*

~ Robert Frost

Florida**Project Paradise**

Stone Magnet Middle School

Melbourne, Florida

Liani Couture, Nicole Lee, Emily Ogborn, and Jacee Werle

Coach: Emily MacWhinnie
MT-1857

Project Paradise is a team of four middle school girls that are focused on educating Brevard County, Florida about how to stay safe while having fun at the beach. Understanding the beach flag meanings and how to identify and swim out of a rip current is very important in our beach filled community, so that's why Emily, Nicole, Jacee and Liani took on the challenge of expanding the knowledge of Brevard County beach-goers!

Kentucky**Hand in Hand, Bless One Bless Two**

Johnson County Middle School

Paintsville, Kentucky

Hunter Burchett, Ava Cochran, Lindsay Cochran, Julia Davis, Chloe Dyer, Leslie Jeffers, Brayden Pickle, and Tierzah Salyer

Coaches: Pamela Burton and Brenda Dyer
MT-1816

With the growing substance addiction problem in Eastern Kentucky, the number of babies being born with neonatal abstinence syndrome continues to increase. Often babies born with NAS are placed in foster care and their birth mothers continue to abuse drugs. To combat this situation, numerous organizations in Eastern Kentucky are attempting to intervene; however, many of the individuals who need help are unaware that help exists. This is why we have created an app that provides information about resources that are available to help families dealing with substance use disorder and NAS. To increase the effectiveness of the app, we have created partnerships with Community of Hope, Serenity House, and the Inez Free Will Baptist Church. We have obtained mittens, caps, diapers, swaddling blankets, mamaroos, etc. as needed, for families dealing with these conditions.

Kentucky**Sensory Sanctuary**

F.T. Burns Middle School

Owensboro, Kentucky

Amber Mast, Keely Thomson, Kyla Thomson, and Menza Velotta

Coach: Tammy Townsend
MT-1817

At Burns Middle School, we have a special needs unit (FMD, MMD, EBD) which has its own courtyard for their students to use. It was originally designed for the students' special sensory needs; however, it's been neglected and resembles a prison yard. It offers none of the educational support that our students need. So this project is about re-designing the space and to transform it into the optimal learning environment for our students with severe learning impairments.

"Only a life lived for others is a life worthwhile."

~ Albert Einstein

Michigan

Silver Surfers

Athens High, Troy High, and Larson Middle Schools

Troy, Michigan

Arnav Shah, Krish Desai, Sejal Patil, Justin Esdale, Julia Voyt, Prajna Polamarasetti, and Rhea Narayan

Coach: Shriya Shah
MT-1824

According to a survey done by PEW Research, 77% of senior citizens feel uncomfortable using technology. We saw a similar trend in communicating with our own family members. For us, technology is a way of life – enabling us to communicate with our peers. Without technology, the older generation will miss out on witnessing life moments, causing feelings of isolation and disconnection from the world. So, we have decided to help seniors in our community become comfortable with technology by visiting various places to provide individualized guidance on setting up and using their devices to connect with the modern world.

Minnesota

D.R.E.A.M.

North Junior High and Apollo High School

Saint Cloud, Minnesota

Laina Burris, Grace Fischer, Bren Olson, and Nicole Warzecha

Coaches: Karlyn Doyle, Christine Hermanson, and Tom Warnemunde
MT-1825

Currently, 53.3% of ISD742 students (that's 4,895 students!!) are below Minnesota state standards in reading. D.R.E.A.M (Dedicate, Read, Empower, Achieve, Motivate) is focused on engaging youth in reading. Reading successfully will increase a student's ability to excel on the Minnesota Comprehensive Assessment tests (MCA) and in life too. We are engaging our community through a book club at Madison Elementary School KidStop, a statewide book drive, and increasing access to books in our community. Our main goal is to help students raise their MCA scores by getting books and reading materials in their hands.

New Jersey

VETS (Veterans Everyday Trouble Support)

Millstone Township Middle School

Millstone, New Jersey

Lana Maziel, Emma Bogusz, Laura DePinho, Misha Verma, Drew Paglia, Andrew Somers, Evan DeRose, Josie Shapiro, Tessa Sain, Sara Martinez, Christina Riviello, Jillian Guttridge, Zoe Pruthi, and Zak Kheder

Coaches: Kevin Norris and Dan Kazanjian
MT-1829

This year the VETS team is interested in aiding and improving veterans' everyday lives, as well as increasing the amount of appreciation and reverence they are shown. To do this, the VETS team has decided, through working with a local VFW, to donate to the NJ Commander's Project which raises money for veterans' memorial hospitals, buying basic needs. We have also sponsored a pancake breakfast at school for local vets. In the spring, we will host a 5K at our school which we hope will raise massive funds for our cause.

"You must be the change you wish to see in the world."

~ Mahatma Ghandi

New Zealand

#LetsBikeChristchurch

Selwyn House School

Christchurch, Canterbury

Phoebe Donald, Kate Nicole Gourley, Miya Hartstonge, Sophie Hodgson, Alice Hunter, Lucy Maynard, Reed McHugh, Cleo McLeod, and Bonnie Smith

Coaches: Adele Staples and Greg Pearce

MT-1834

In 2011 Christchurch was hit by an earthquake that devastated the city, destroying roads and buildings. #LetsBikeChristchurch have developed a project to get the people of Christchurch on their bikes and making the most of the new cycle lanes, put in by the council. Local schools and businesses have been involved in the process, decorating and displaying steel bikes designed by the team. These are being used as part of a social campaign, supported by the city council. Public will 'hunt' for the bikes and snap selfies of themselves as they are out and about enjoying the new cycleways.

New Zealand

No More Penguin Blues

Francis Douglas Memorial College

New Plymouth, Taranaki

Jakob Erb, Gregor Forrest, Samuel James, and Quinn Scouller

Coaches: Robyn Wackrow, Tina Dalliston, and Sue Page

MT-1835

The Little Blue Penguin is classified as an at risk species with a declining population in our country (New Zealand) and we decided to do something to reverse this. Our project is based on conserving the numbers of Little Blue Penguins in our region. We have been actively working with the community to raise awareness of declining numbers and associated predators. We have expanded community knowledge by involving schools and beach users of the numerous threats that exist and have collected data and foot print surveys to provide adequate evidence to justify further support by our Government and wider community.

Singapore

Project Bluetick

Raffles Girls' School

Singapore

Wong Chia Ying, Natasha Ong Yi Teng, Hnin Khin Khin Thet, Soong Rou Yi, Regin Ow Chi Yin, Nadine Lee Xin Jie, Sun Ru, and Lee Kyu Min

Coach: Norhuda Mohamed Sadekan

MT-1840

Given the increase in information accessibility, especially that of social media and networking sites, more youths are vulnerable to falling prey to online sexual groomers. There is a 60% rise in sexual cases filed in Singapore States Courts from 2011 to 2015 which shows the increasingly urgent problem of sexual assault and grooming in Singapore. Project Bluetick focuses our efforts in raising awareness and equipping youths with skills to stay safe in their online interactions through the production of videos, print materials, and outreach talks to member of the community, to promote discussion in families to observe safer online practices.

Texas**All Park No Rec**

Early Middle School

Early, Texas

Korbin Barr, Carson Hill, Mya Johnson, and Cooper Neel

Coach: Diann Biddle
MT-1864

The Early CmPS Team noticed that their town was lacking in civic pride and recreational activities. The team met with Early City Officials, who directed them to take on a project at McDonald Park. The team decided that their underlying problem was to increase the amount of recreational activities in McDonald Park, so that the citizens of Early, Texas can have a favorable place to spend time in town, rather than going to a neighboring city. To accomplish this they sent out a survey, raised money, communicated with businesses and the Brownwood Bulletin to assist them in their endeavor.

Texas**Project GROWLS**

Andrews Middle School

Andrews, Texas

Jennifer Argumendo, Zion Bairrington, William Britten, Alyssa Bustamante, Claire Clark, Caitlyn Cordova, Audrey Daye, Daniela De Alba Castillo, Corben Flores, Charlize Galvan, Brianna Gonzales, Adriel Gonzalez, Brianna Helbig, Anna Hicks Duarte, Jazmin Hinojosa, Nathan Jeppesen, Shae Kraft, Nicolas McArthur, Sadie Pando, Gabriela Payen, Darin Powers, Jacqueline Quintanilla, Idali Rodriguez, Dusti Rosson, Felicity Salinas, Cole Tompkins, and Mia Valenzuela

Coach: Elizabeth Hill
MT-1844

Research and data highlighted a large stray population that negatively impacted safety in Andrews. They developed the following UP: In the year 2017 in Andrews, Texas, when people are viciously attacked, diseases are spread, and more than 700 stray animals are euthanized annually, how might we, Project GROWLS, reduce the number of stray animals so that the citizens of Andrews are safer? The team developed a social media campaign to inform citizens of pet ownership responsibilities, and hosted Pet Care Camp to educate kids about animal safety.

Turkey**Be With Super Savers to Become Conscious Consumers**

Maya Private School

Golbasi, Ankara

Tolga Efe Hamzaoglu, Yagmur Topuz, Muge Gebenli, Bahar Ozbay, Hatice Sanem Aydogan, Emine Elif Erturk, Ilgin Helin Altun, Inci Ulgen Cakmak, and Alp Oge.

Coaches: Cigdem Sabuncu, Fulya Koyuncu, and Ergun Yildirim
MT-1851

As Super Savers, we noticed that one of the main problems of our schoolmates was consuming excessively and irresponsibly. After doing research and implementing our survey, we verified that this was a real problem among our peers and took action. To guide our friends to become more conscious consumers, our team aimed to raise awareness by doing presentations, designing displays, organizing seminars, competitions and games. We also planned workshops, barter and consumption tracking campaigns that promote better consuming habits. Even though consumption is inevitable, we think that it is crucial to minimize the personal and environmental harms caused by it.

Velma Hamilton Middle School
 Sydney Steidl and Sela Atkinson

Madison, Wisconsin

Coach: Kris Bauer
 MT-1847

We are working to reduce the stigma surrounding mental illness after observing how little the amount of advocacy against the stigma was in Wisconsin. We've worked both in our smaller school community as well as throughout larger areas throughout Madison and surrounding cities. So far we've created (and hung around our school) posters, sent out a survey to gain a more accurate data of our school, gotten peers to participate in a local NAMI (National Association on Mental Illness) walk alongside us, and helped to gain participation in a school-wide fundraiser donating to NAMI. We are now planning our own school-wide fundraiser for NAMI.

SENIOR DIVISION CmPS TEAM PROJECT SUMMARIES

Australia

BASE

The Illawarra Grammar School
 Samuel Hobson and Rubey Williams

Figtree, New South Wales

Coach: Jean Burton
 ST-1806

Our project is looking at developing self-esteem within young people. Our project initially focused on an anti-bullying program but we decided to put a positive spin on the issue and focus on self-esteem instead. We have achieved this through our involvement in running workshops, the creation of Kindness Week within our school, forging global relationships with Sapporo Nidai High Schools students in Japan and various other initiatives. We have also created an information package in both English and Japanese which will ensure the longevity of our project.

Australia

Wise Decisions

Mount St. Benedict College

Pennant Hills, New South Wales

Dusana Barker, Tenee Arthur, Natalia Bennett, Lily O'Brien, Lara Bryant, Jessica Curran, Claire Dean, and Jessica Tan

Coach: Brooke Lovarini
 ST-1805

Wise Decisions is focused on safe partying in relation to drugs, alcohol and social media, which are contributors to unsafe party situations. Our extensive research shows 78% of 14-17 year-olds have consumed alcohol in the past year, 8% have done so at dangerous levels. To combat this, we have designed our project with a two-tiered approach, youth and parents. We want to educate youth on how to proactively be safe and comfortable at parties. Statistics show parents are the largest suppliers of alcohol to underage drinkers, we are aiming to educate them in hosting safe parties, through pamphlets, etcetera.

California**Strength Over Silence**

San Juan Hills High School

San Juan Capistrano, California

Grace Aitken, Isabelle Peloso, Kiley Espineira, Ajay Bhatia, Nick Wyckoff, Ella Friess, Eric Fritz, Lauren Culwell, Savannah Wilson, Makena Tinney, Giselle Barough, Jason Kepple, Tyler Hsieh, Roman Panah, Luke Binoya, Cheyenne Torres, Cooper Murr, and Isabel Royal

Coach: Grace Aitken

ST-1849

Project Strength Over Silence, started by the Future Problem Solvers club of San Juan Hills High School, aims to raise awareness of mental health issues in Orange County. We have created a presentation that we present to students around Orange County, as well as provide resources such as the *R U OK* book. Our goal is to reduce the stigma around mental health issues as well as educate people of our community about the topic.

California**Too Hot To Handle: Trail Protection**

San Clemente High School

San Clemente, California

Sophia Mains, Chloe Kamp, Nick Petrocelli, Ishaan Mody, Sophia Burick, Erika Effenberger, Esther Mafouta, Conner Morin, and Bryony Hanks

Coaches: Sophia Mains and Chloe Kamp

ST-1807

An abundance of open space surrounds our beautiful community of San Clemente. Due to ongoing drought conditions in California, fires are always a concern for our citizenry. This year we tackled the Ridge Route trail which is miles of trails overlooking the ocean and wrapping through many communities. We identified city budgets not used but allocated and are implementing a solution-based system of signage throughout the publically used area to prevent fires and protect homes. The city council hopes to use our solutions as a model for all open space in our City.

Florida**L.E.A.D. (Love, Engage, And Direct) Children**

Flagler Palm Coast High School

Palm Coast, Florida

Julia Hok, Katherine Bereznicki, Katherine Espinoza, Danielle Stoughton, Zameena Phillips, Sara Barnes, and Lischna Castor

Coaches: Diane Tomko, Kayla Dance, Sarah Reckenwald, and Caitlin Hutsell

ST-1859

Our children hold the world in their hands; it is up to parents to guide them towards success. L.E.A.D. Children has established a sustainable plan for a semi-annual event, the Child Fair, to offer early childhood development (ECD) services to help these low-income families with children ages 0-5. L.E.A.D. is pursuing the implementation of ECD education into the science curriculum in Flagler County schools along with the establishment of an agency that will gather local ECD organizations under one umbrella, where low-income families will receive an abundance of information, resources, and face-to-face training. As Whitney Houston said, "I believe the children are our future, teach them well and let lead the way."

Florida

Project VOICES

Flagler Palm Coast High School

Palm Coast, Florida

Carlos Dezza, Elizabeth Wolcott, Eleshevah Barnaby, Hughes Le, Daniel Lujo, and Jacob Lebron

Coaches: Diane Tomko, Kayla Dance, Sarah Reckenwald, and Caitlin Hutsell
ST-1860

Celebrating cultural diversity is vital in our society but is not highlighted in our high school. VOICES (Visualizing Opportunities In Cultural Expression for Students) increases opportunities for cultural expression so that students' voices are empowered. With the global organization, TED, VOICES has implemented a TED-Ed club at our high school. This new platform gives unique chances to students to share their amazing culture and inspiring ideas. Students talk about everything from female empowerment, stereotypes, body shaming in modern culture, to how bullying affects school culture, and so much more. They have voices; we are helping them share them with the world!

Illinois

Project IGNITION

Danville High School

Danville, Illinois

Kaleb Medina, MaKayla Smith, Allison Lane, Reese Marcott, Amara Forthenberry, Shivangi Patel, Madison Yocius, Jolene Blodgett, Dominic Lafoe-Snook, and Micah Cherry

Coaches: Lori Woods and Tamara Medina
ST-1812

Project Ignition was created in response to the loss of a Danville High classmate in October of 2016. Our classmate was the driving a car at night without a seat belt with 3 other passengers who wore their seat belts. As we began researching, Project Ignition learned about the "Fatal Four" mistakes drivers can make. We also learned the other driving mistakes and the role of passengers in driving safety. In response to all we learned, Project Ignition created a program that begins teaching driving safety at the elementary grades and emphasizes the Top Ten factors that make driving safer.

Kentucky

B.E.E. Project

Paul Laurence Dunbar High School

Lexington, Kentucky

Jocelyn Chen, Jin Cho, Andy Du, Reka Gal, Madi Halwes, Eleanor Liu, Megan Slusarewicz, and Olivia Tussey

Coaches: Ben Crawford and Susan Magadan
ST-1820

The B.E.E. Project was created with the goal of increasing awareness on the issue of declining global bee populations in order to foster an environmentally sustainable mindset in their community. Through educational videos and engaging activities for young students and compilations of various informational resources for older communities all accessible on the team's website, a public presentation at a local state botanical garden, and communicating with and promoting local beekeepers' sustainable efforts, the team has been able to impact many communities. With the use of social media and school and local newsletters, the B.E.E. Project has energized various communities.

Kentucky

Be Smart, Protect Your Heart

Floyd Central High School

Eastern, Kentucky

Lindsay Caudill, Sahara Little, Savanna Price, Victoria Sexton, Belle Stewart, Reece Terry, Kelli Thomas, and Chloe Watson

Coach: Bobby Akers
ST-1819

During the 2016-2017 school year, a beloved staff member of South Floyd High School passed away after suffering a massive heart attack. The Floyd Central Community Problem Solving team, realizing that there was a severe lack of knowledge about heart health in the Floyd Central area, decided to help raise awareness for heart health. Various types of outreach such as public service announcements were used, culminating in the creation and implementation of a community-walking club at the school.

Kentucky

STEM+Y

duPont Manual High School

Louisville, Kentucky

Priya Chandrashekar, Agharnan Gandhi, Karthik Jetty, Samhita Lellapalli, Betty Ngo, Bhargav Ramesh, Pranav Senthilvel, Sandra Temgoua, Minh Tran, and Allison Tu

Coach: Jill Lauroesch
ST-1818

STEMY (STEM+Youth) is an entirely student-run organization on a mission to break entrenched gender, racial, and socioeconomic barriers in science, technology, engineering and mathematics (STEM). We began as an after-school gathering of passionate students eager to help our peers with science fair projects. However, looking outside our high school, we began to see pervasive gender, racial, and socioeconomic inequities in STEM education. Thus, we expanded into STEMY – a nonprofit dedicated to providing high quality educational opportunities to all, regardless of gender or background. In less than a year, we've changed the lives of over 600 local students through innovative peer-to-peer programming.

Massachusetts

New Pathways

Canton High School

Canton, Massachusetts

Ben Aaronson, Nicole Brown, Allison Chin, Shourik Choudhury, Sarah Collins, Jenna Hamrock, Eli Julier-Albert, Michael Mazzola, Kevin McGonigle, Ashna Patel, and James Vo

Coach: Renée Hanscom
ST-1823

After conducting research around traumatic brain injuries, it led us to Pappas Rehabilitation Hospital in our town of Canton, a residential medical facility for students with physical and mental disabilities. With these disabled children being confined in their hospital settings, they often struggle with overcoming challenges of social isolation and the inability to connect with their peers. Our team's goal is to create a social environment that is conducive to strengthening the social and emotional skills of children diagnosed with traumatic injuries at Pappas Rehabilitation Hospital, so that the students with disabilities will grow socially apart from their therapeutic world.

Massachusetts**Project SAVE: Substance Abuse Victim Empowerment**

Canton High School

Canton, Massachusetts

Anvitha Addanki, Sylvia Chin, Ciara O'Connor, Jenny Mazzola, Ann Tarah Joseph, Sarah Hernandez, Dusu Sidibay, Sinead Qui, Sydney Weng, and Harshita Valluri

Coach: Vijay Addanki
ST-1822

Project SAVE is a team created to empower victims of substance abuse so that they are more involved and welcomed in the community. By partnering with recovery schools in Massachusetts, we have worked with students in recovery to do various activities with them, such as baking, sports, arts, music, and more. We have also successfully raised awareness in our community about substance abuse and prevention through guest speakers, public events, interviews, and presentations to community leaders. Through our efforts, we believe that we successfully empowered the victims of substance abuse and encouraged our community to be more welcoming towards them.

Minnesota**The Bull-Dozers**

Apollo High School

Saint Cloud, Minnesota

Sadie Bartels, Gabby Hermanson, and Daniel Yuan

Coaches: Karlyn Doyle, Christine Hermanson, and Tom Warnemunde
ST-1826

The Bull-Dozers figured out that of the 1,395 students attending Apollo High School during the school year of 2017-2018, 72% are defined as being sleep deprived. On average, teenagers between the ages of 14 and 18 should get 8-10 hours of sleep each night. Studies from the National Sleep Foundation show that severe sleep deprivation puts individuals at risk. School becomes difficult for the students that are sleep deprived as sleep deprivation can cause impaired cognitive processes, which can lead to issues during school, such as dozing off or decreased thinking as a result of not sleeping at night.

New Jersey**gLEAFul**

West Windsor-Plainsboro High School North

Plainsboro, New Jersey

Alex Ma, Akanksha Tripathy, Alexandria Zeng, Angela Huang, Anna Hsu, Anushka Iyer, Arushee Sinha, Ishani Ranjan, Ishita Bhimavarapu, Jessica Xu, Kavitha Rao, Kristina Khaw, Ranjan Mahanth, Sarah Hu, and Shivani Prusty

Coach: Vivian Yu
ST-1830

Our goals were to encourage sustainable practices in school, and in our community. We worked to increase student awareness and understanding of the importance of recycling by hosting a recycling week and a recycling fair with various educational activities. Additionally, we are beginning to set up a composting system in our school to minimize food and paper waste. To spread awareness of our efforts, we have created a team website, published a campaign video, and hosted fundraisers. Through surveys taken before and after the recycling week, we found that students are now more likely to recycle in school.

New Jersey

Project Kno-pioid

Mahwah High School

Mahwah, New Jersey

Matthew Brand, Hayden D'Elena, Andrew DeSimone, Sebastian Dytrych, Arina Isayev, Joanna Li, Mark Sitar, Matthew Skrod, Rebekah Soliman, Kyle Springer, and Connor Tevis

Coach: Justin Saputski
ST-1831

Project Kno-pioid was created as a reaction to the ever-expanding opioid epidemic within our local communities. Since many people are not aware of the potential dangers associated with using legitimate prescription opioids, our goal is to raise awareness of these dangers. Today, countless numbers of doctors routinely overprescribe opioid painkillers, for both natural and postoperative pain. Overuse and overdependence on these opioids can lead variously to abuse, addiction, and even escalation to incredibly dangerous opioids, like heroin. Through various wide-reaching social media campaigns, fundraisers, and promotion efforts in our high school and local community, Project Kno-pioid has raised significant awareness.

North Carolina

Clean the World: the HelpHygiene Foundation

Providence Day School

Charlotte, North Carolina

Malika Rawal, Simran Bhargava, Rashi Jagani, Akshi Kumar, Bhoomika Khatri, Raghav Mahajan, Shreena Patel, Saloni Arya, and Shreya Sirlapu

Coach: Malika Rawal
ST-1836

Malika Rawal went to her parents' birthplace in India for the first time two years ago and her eyes blazed with appall. The areas where her parents lived were incredibly different from Malika's privileged life in the U.S; there were few clean water sources/hygiene supplies and little knowledge on sanitation. To help this issue that she felt deeply connected to, she created the HelpHygiene Foundation with Simran Bhargava, who shared the same experience. The foundation's mission is to increase sanitation in impoverished communities to prevent noxious disease through fostering relationships in India, as well as other local/international communities.

Ohio

Project Leftovers

Solon High School

Solon, Ohio

Julia Fan, Katherine Dai, Lea Kim, Rachel Wilson, and Sandy Shen

Coach: Sabrina Tirpak
ST-1837

Day after day, the cycle is the same: the bell rings and with it, mountains of food are thrown away. After noticing the prevalence of food waste in our high school, we knew there needed to be change. Project Leftovers was started in order to raise awareness and change our high school community's relationship with food waste. Through talking to students and teachers, an art contest, learning more about where our food comes from, and surveying the current level of food waste, we advocated for the issue throughout our community.

Singapore

Creasionaid

Hwa Chong Institution

Singapore

Ng Au Hern Wesley, Ng Xi Jin, Alexander Elliott En Wei, Au Wei Yung, Shen Jia Cheng, Lee Jing Yang, and Lim Wei Ren Marcus

Coach: Anuradha Boyanapalli
ST-1841

Creasionaid is a 7-year running programme that seeks to empower children to tackle 21st century problems by tapping on their innate creativity. Creasionaid plans and runs many programmes and events that allows children to learn and grow through playing in these learning spaces.

Singapore

Project Innervate

Hwa Chong Institution

Singapore

Chan Zhuo Han, Lee Zhan Hong, Ivan Ang Yi Jie, Dominic Lim Kay Shuen, Foo Juinn Ryong, Eugene Low Yi Heng, Saciin Esan D Maran, Liu Sheng Hui Nigel, Kester Tan, and Mui Koy Mun Samuel

Coaches: Lim Chuan Chia and Charles Low
ST-1842

Project Innervate is working with our beneficiary, Parkinson Society Singapore (PSS) to raise awareness and funds for Parkinson's disease. There is currently a lack of awareness about Parkinson's in Singapore as many confuse it with other diseases and do not know where to seek help. Through organizing a wide range of activities such as Games Day, Parkinson's Simulator, Parkinson's Awareness Movement and Run for Parkinson's, we have achieved our main aims of engaging in direct interaction with People with Parkinson's, raising awareness and empathy amongst the public while raising funds for PSS.

Texas

Project INSPIRE

West Brook High School

Beaumont, Texas

Aaron Bisnar, Melissa Dinh, Hairah Javed, Khadeia Javed, William Leister, Tommy Nguyen, Andrew Tan, Alyssa Tran, Tiffany Tran, and Linda Zhou

Coach: Melissa Chapman
ST-1845

The community issue that Team I.N.S.P.I.R.E, or Inclusion of Special Populations in Recreation and Education, decided is how might our team maximize the amount of opportunities available for interaction between the two student bodies, so that we can socially integrate our community. Team INSPIRE has dedicated its project to ensuring that the General Education population of our school and in the middle schools in our community have access to multiple social opportunities, as well as resources on how to get involved with the Special Education community to ensure that both student populations can create new friends beyond the segregated classrooms.

Turkey

Enjoy Tech, Use Tech, Buy Tech, By Rightech

Maya Schools

Ankara, Golbasi Incek

Ada Akbarieh, Cagla Gizem Cebeci, Elif Topuz, Irem Emir, Gokce Batmaz, Doga Tanriverdi, Ali Ihsan Karakaya, Asude Zeynep Yildiz, Zumra Tosun, Nihat Basoglu, Yagmur Yelkuvan, Beyzanur Ozsahin, Utku Bahadir Selcuk, Beril Kosegil, Oguzhan Okuyucu, Efe Gultekin, Can Atasayar, Ugur Atilay Yuce, and Umit Kaan Usta

Coaches: Gulnur Hamzaoglu and Narin Arslan
ST-1852

Through personal experiences, observations and poll results, our team has realized that there is an ever-growing problem of wrong usage of technology and people around us misuse it. We are all aware that we can't imagine a future without technology. So, we intend to impress an idea on the people in our school by making symposiums, giving coding tutorials, preparing brochures and visual materials and organising activities.

Turkey

FUTUR'HMSTR

Vizyon College

Basaksehir, Istanbul

Eylül Özfirat, Yagmur Güzeler, Ahmet Eray Karadag, Celal Aydin, Merve Cengiz, Yasemin Yakici, and Özgür Gülen

Coach: Gülcin Özer
ST-1862

Coding, which can be described as a part of logical reasoning, is considered to be one of the "21st Century Skills." During our research, we found out that educators believe that coding equips children the skills of algorithmic thinking. According to a piece of research conducted by Lewis and Shah using Scratch, there is a relation between programming and math test results. (Lew, C.M. Shah, N. 2012) As the Futur'Hmstr team, we realized that in our neighborhood, not enough importance was given to coding. As we were aware that learning to code would prepare us for the jobs of the future, we started to think about what we could do about this problem. We visited the secondary school in our neighborhood, where most of our teammates had graduated from and a protocol was signed between the two schools. There was not much coding awareness in this school. With a month-long program, 5th grade students are taught coding skills, using the Scratch program. At the end of the program, participants will be asked to design their own game and we aim to present them with a coding set.

"Service is the rent we pay for being. It is the very purpose of life, and not something you do in your spare time."

~ Marian Wright Edelman

Luxemburg-Casco High School

Luxemburg, Wisconsin

 Maria Pennings, Julia Ihlenfeld, Alexis Dorner, Austin Gallenberger, Katherine Brand, Anna Morozov, Grace LeGrave, and Natalie Haen

Coaches: Katie Kulhanek and Ashlie Pinter
ST-1848

Stress: A common part of everyday life that ties into the hustle and bustle that humans face almost every day. Stress can be found in many different situations, and people of all ages will have to face it at some point. But what happens when there is too much stress? Well, if you're a lump of coal that's actually pretty good news. But people aren't coal, and after heavy amounts of stress they certainly will not become diamonds. Community Problem solvers were ready to take on the challenge of decreasing stress within the Luxemburg-Casco community in a variety of ways.

CmPS INDIVIDUAL PROJECT SUMMARIES

Florida**I.N.F.O. (Informing New Freshman on Opportunities)**

Buddy Taylor Middle School

Palm Coast, Florida

Nicholas Blumengarten

Middle

Coaches: Suzanne Stone and Erica Scudder
MI-1911

My district provides school choice, allowing students to choose which high school suits them. My goal is to better inform incoming freshman about opportunities available at each of the high schools, since they provide many different options, so that students can make more informed decisions. To solve my goal, I have created a page on the district website, allowing students and parents to compare what is available at each of our high schools. Also, I have provided a physical place for students and parents to gather more information on high school programs and requirements in the middle school "Resource Room".

Iowa**Going "Batty" for Bats**

Central Lee High School

Donnellson, Iowa

Hailey Alvis

Middle

Coach: Hollie Weber
MI-1912

Many factors have been found that relate to declining bat populations. Sadly, many bat species around the world are vulnerable or endangered due to factors ranging from loss and fragmentation of habitat, diminished food supply, and destruction of roosts to disease and hunting or killing of bats. Because bats serve a large purpose in regulating insects and the uses of pesticides on farms, this causes significant damage to ecosystems and economies. My project focused on increasing the number of safe bat habitats so that bats can continue to impact our community in a positive way.

Kentucky**Breaking Boundaries**

Highland Elementary School

Staffordsville, Kentucky

Emily Farler

Junior

Coaches: Andrea Hall and Amy Conley
JI-1901

“Breaking Boundaries” is specifically for children who have no desire to ever reach beyond the welfare system because many receiving government assistance do not grow up to outlive the systems boundaries. Growing up in Eastern Kentucky, I have seen many cases of children accepting the idea of not going to college after high school. Some even told me they wanted to “stay home and draw a check like mom does” when they grow up. I am going to encourage these children to rise above the limits of poverty and succeed in life. “Breaking Boundaries” will help plant a seed of a brighter future and we can all watch it grow over time.

Kentucky**: Your Story Isn’t Over**

Highland Elementary School

Staffordsville, Kentucky

Zoey Curtis

Junior

Coach: Andrea Hall
JI-1902

In order to increase support for people in distress, I put together help lines for individuals to find help when they have no idea where to turn. I created a website, a pamphlet, and an app that has resources readily available to provide help to those who fall victim to domestic violence, drug abuse, physical and mental abuse, bullying, rape, teenage pregnancy, in need of shelter or housing, in need of medications, in need of homework help, etc... My project will provide individuals with the help they need to become a more productive citizen because their “Story Isn’t Over”.

Kentucky**Home Grown**

Johnson Central High School

Paintsville, Kentucky

Chloe Deskins

Senior

Coaches: Jarred Gibson and Deborah Lemaster
SI-1903

I live in Eastern Kentucky in a small town named Paintsville. People in my hometown have extremely poor eating habits so I have established an educational group in order to advocate the benefits of a whole foods plant based (vegan) diet. I hold monthly meetings where I discuss topics relating to this vegan diet; one month I discussed how this diet could prevent and even reverse heart disease, while the next month we discussed the correlation between consumption of saturated fats and diabetes. I also share vegan recipes with others since a frequent question I get is, “what can I eat?” This group has already influenced several people to change their eating habits and take steps towards living a healthier lifestyle.

Massachusetts

Mission Cape Cod

Barnstable High School

Hyannis, Massachusetts

Allison Carter

Senior

Coach: Debra Contrino
SI-1904

The goal of this project is to reduce the volume of food waste at Barnstable High School and ultimately Cape Cod while raising awareness of environmental concerns within the student body.

Minnesota

Can You hEAR Me?

Apollo High School

Saint Cloud, Minnesota

Jocelyn Filiyaro

Senior

Coaches: Karlyn Doyle, Christine Hermanson, and Tom Warnemunde
SI-1905

When most people think of hearing loss, they think of an older person with hearing aids, when in fact, hearing loss among teenagers is becoming more and more common. With the advancing technology in today’s society, teenagers are at a higher risk of developing hearing loss. 1 in 5 teenagers have Noise Induced Hearing Loss (NIHL), a type of hearing loss caused by overexposure to loud noises. The goal of “Can You hEAR Me?” is to advance the knowledge of teenagers in my community about NIHL in order to help them protect their hearing before damage is done.

New Jersey

Project Premie

Mahwah High School

Mahwah, New Jersey

Brianna Stoohs

Senior

Coach: Christine Hartigan Miller
SI-1906

Premature babies and their families face a number of difficulties, such as health issues and emotional distress. Project Premie hopes to support families of premature babies in the Neonatal Intensive Care Unit with a variety of resources, so that parents of preemies have fewer things to worry about during this time when their focus is on the health of their baby. This will be accomplished through the creation of care packages containing items such as blankets, hats, and outfits, and through communal toiletry baskets to be kept in the NICU containing necessary items such as toothpaste, tissues, and more.

“Life is short, youth is finite, and opportunities endless. Have you found the intersection of your passion and the potential for world-shaping positive impact? If you don’t have a great idea of your own, there are plenty of great teams that need you – unknown startups and established teams in giant companies alike.”

~ Justin Rosenstein

New York

No SAD Thoughts

J.H.S. 157 Stephen A. Halsey

Rego Park, New York

Aniya Campbell

Junior

Coach: Mark Coccarelli
JI-1907

Aniya’s friend attempted suicide earlier this year. Concurrent with this troubling event, she noticed many students in her school joking about mental health issues. Before she started her project, most students didn’t know what mood disorders were. Through surveys, assemblies, and speeches, Aniya educated her classmates about suicide, aggression, and depression. In addition to student and parent communication, she also was involved with leadership in her school to help raise awareness. She contacted many organizations to seek advice and made a website.

Texas

Operation Empower

Crockett Intermediate School

Paris, Texas

Curt Fendley

Junior

Coach: Debb Fleming
JI-1908

After attending his Boys & Girls Club for several years, Curt Fendley was saddened to see at-risk children attending the club lacking valuable life skills that could help to improve their future. Because of this, Operation Empower began which promotes and teaches those life skills while improving both the club and community. Through problem-solving real issues, the group developed leadership, communication and teamwork skills. Operation Empower’s members have now completed several improvement projects at The Boys & Girls Club and have also volunteered their time and service to other non-profit organizations and charities within the community.

Texas

Project S.O.S. Seniors on Social Media

Prestonwood Christian Academy

Plano, Texas

Bettina Devadoss

Middle

Coach: Lisa Quintana
MI-1909

In the Dallas metroplex, seniors continue to lag in the adoption of social media, due to their lack of knowledge. How might I, Project S.O.S., increase the number of seniors that use social media, so that seniors can give teens more moral value via social media in and beyond 2017? Statistically, 66% of Seniors above age 65 do not know how to use Social Media, and therefore are not utilizing a major source of communication. Project S.O.S. or Seniors on Social Media is here to help seniors learn how to use social media.

“In any moment of decision the best thing you can do is the right thing, the next best thing is the wrong thing, and the worst thing you can do is nothing.”

~Theodore Roosevelt

Coaches: Elizabeth Nieto and Henry Perez
SI-1910

Because students in the Sinton ISD Latchkey Program are lacking a variety of learning opportunities, and because of the rundown state of the Latchkey building, how might I, Project Latchkey Love, enhance the learning environment at the Latchkey Program, so that Sinton ISD's initiatives are supported in 2018 and beyond? Project Latchkey Love transformed a rundown, unused space into a vibrant, inviting reading nook and library for the Sinton Latchkey students. Over 1,000 books were donated to the project from the community. Future Plans: plant a vegetable garden, establish a tutoring program and create word puzzles for Latchkey students.



“Community service has taught me all kinds of skills and increased my confidence. You go out there and think on your feet, work with others, and create something from nothing. That’s what life’s all about.”

~Andrew Shue





FPSPI
FUTURE PROBLEM SOLVING PROGRAM
INTERNATIONAL

2015 Grant Place
Melbourne, Florida 32901
321.768.0074
fax 321.768.0097
www.fpspi.org
www.fpspimart.org



<https://www.facebook.com/fpspi>



<https://twitter.com/FPSPI>
#problemsolved



<https://www.youtube.com/FPSPIORG>
