Grant Name	Last Name	School	Abstract
Kinder "garden" : Birds, Bees, Flowers and Trees	McCullen	Holly Hills / Holly Ridge Elementary	Learning holistically and through a Project Based Unit titled Kinder"garden" Birds, Bees, Flowers, and Trees, the Holly's kindergarten children will experience a thoroughly integrated and authentic year-long challenge. With the help of specific plants, water, and seed kindergarten students will invite different birds and bees to their garden.
3D printers	Foyle	Prairie Middle School	Prairie Middle School Technology students will have the opportunity to interact with current 3D printing technology to support both their learning and their activities within other content areas. This inclusive environment will also provide access to current technologies which will support this middle school population and their parents as they transition through middle school STEAM programming and onto greater opportunities when students move into both college and carrier readiness.
3D Printers	LaFarge	Prairie Middle School	Prairie Middle School Technology students will have the opportunity to interact with current 3D printing technology to support both their learning and their activities within other content areas. This inclusive environment will also provide access to current technologies which will support this middle school population and their parents as they transition through middle school STEAM programming and onto greater opportunities when students move into both college and career readiness.

3D printer to support students with significant needs-Filament	Trabant	Other (please note where in your contact information)	The LulzBot Mini is a high performance desktop 3D printer that would allow students, educators, and families to create individualized objects/icons to be used as a communication system with students with significant physical, visual, cognitive, and communication needs. By creating these individualized 3D communication systems, students would learn innovative strategies and techniques that will increase understanding and communication, expand learning, and improve student performance both inside and outside the general education classroom.
3D printer to support students with significant needs-Printer	Trabant	Other (please note where in your contact information)	The LulzBot Mini is a high performance desktop 3D printer that would allow students, educators, and families to create individualized objects/icons to be used as a communication system with students with significant physical, visual, cognitive, and communication needs. By creating these individualized 3D communication systems, students would learn innovative strategies and techniques that will increase understanding and communication, expand learning, and improve student performance both inside and outside the general education classroom.
3D Printing Expansion	Mueller	Fox Hollow Elementary	Through the purchase of a LulzBot Mini 3D printer, over 400 students at Fox Hollow in grades 2 through 5 will enhance their STEM learning. This educational tool will allow students to explore 3D design as they utilize SketchUp to build 3-dimensional objects that will be brought to life by the printer.

All About Access	Simon	High Plains Elementary	MobyMax and Hearbuilder are online, research based intervention tools targeting language, vocabulary, reading, math, and writing skills at each student's level and are aligned with Common Core State Standards. These tools allow students to work at his/her level while collecting data, advancing at the child's pace, and are accessible at home, during intervention, and in the classroom.
All C-ing Robots	Avery	Liberty Middle School	As computer science and robotics aptitude matriculate into K-5 education, middle school pupils are increasingly capable of advanced concepts. The acquisition of Robot-C software moves beyond block-based robotics programming (Scratchâ„¢, Mindstormsâ„¢), empowering Libertyâ€™s STEM students to learn industry-standard software engineering principles (C language). This better prepares them for High School computer science, VEX, FIRST, & Cyberpatriot competitions, internships, and collegiate STEM programs.
Analytical Balance For Chemistry Capstone Project	Elliott	Eaglecrest High School	The Chemistry PLT requires the purchase of an additional analytical balance to support our mastery labs and capstone project for Chemistry. Our capstone project for the course is for students to experimentally determine the identity of an unknown carbonate using at least 3 different student designated experiments to increase the certainty of their identification.

Assistive Technology For the Gen Ed Classroom	Nelson	Cherokee Trail High School	This grant will be used to increase student engagement and foster growth in literacy development through differentiation and targeting speech to text and text to speech options for all level of learners through the use of school provide headphones and microphrones.
Attending Tools for Academic Success	Ervin	Fox Ridge Middle School	Attending tools such as stress balls, therabands, kinetic sand, foot pedals, and wobble cushions will help students with attention problems and other social-emotional issues stay engaged in academic settings. These tools will be housed in our counseling office and checked out to teachers to support students as needs are identified throughout the year.
Audio books to assist English language learners	Aldridge	Cherry Creek High School	English language learners need to hear the language to adequately learn it. Audio books from Audible.com will be used to enhance the learning of literature as well as facilitate learning the English language by hearing English pronunciation, intonation, inflection, and speech fluency.
AVID experience: A trip to a college campus	Melisaratos	Campus Middle School	Students will get the experience of visiting a local college campus. In this way, AVID students will be encouraged to higher educational opportunities and spark their curiosity for a college education.

Balance and Motion with Hot Wheels	Karr	Aspen Crossing Elementary	Imagine if your child were able to both articulate and apply concepts of force, speed, balance, and motion to a common free play activity at home. Second graders are able to do just that when theyâ€™re put in the driverâ€™s seat as engineers, tasked to design and create Hot Wheels systems that will enable cars to speed down steep hills, around sharp turns and upside down through corkscrew loops.
Bee pro Bot Coders!	Clark	Mission Viejo Elementary	With this grant opportunity 530 students at Mission Viejo Elementary school will learn to code robots called Bee-Bots and Pro-Bots. Students will use coding language to guide the robots through mazes. They will practice logical thinking, and will improve their coding skills by creative thinking and learning from their mistakes.
Bee Pro Bot Coders! Part 2	Clark	Mission Viejo Elementary	With this grant opportunity 530 students at Mission Viejo Elementary school will learn to code robots called Bee-Bots and Pro-Bots. Students will use coding language to guide the robots through mazes. They will practice logical thinking, and will improve their coding skills by creative thinking and learning from their mistakes.
Book Room	Shaw	Dry Creek Elementary	A leveled book room is an essential and shared resource in an elementary school building that positively impacts every teacher and child in the school. Significant funding is essential four continued building, expanding, and maintaining of this set of key teaching materials which live at the center of all good reading instruction.

Breaking It Down	Sanchez	Overland High School	Breaking It Down is an opportunity for high school students with severe emotional disabilities to use breakdancing to express themselves, gain confidence, reduce stress, and empower themselves to break down the emotional barriers that impedes success in school and in their personal lives. Through breaking it down, students will learn how to positively process life's obstacles using the social emotional learning competencies of self-awareness, self-management, responsible decision-making, relationship skills, and social awareness.
Bringing Brains Together with Storytelling	Schuhmacher	Rolling Hills Elementary	Everyone has a story to tell, and stories have been used as a basis of teaching since humans began teaching humans. Digital storytelling can transform student creativity and ownership as students express themselves not only with their words, but also with their voice.
Capturing the World	Dykstra	Overland High School	The "Capture the World" grant will provide photography students the ability to safely check out DSLR cameras in order to "capture" the world outside of the school. This program allows student to explore their creativity outside of the confines of their school, and truly experience to art of photography.

Carnegie Learning Software for Fast Paced, Individualized Instruction	Gary	Falcon Creek Middle School	Cutting edge mathematics software created by the world's top educators, cognitive scientists and computer scientists will be used for a targeted mathematics intervention program at Falcon Creek Middle School. This software will allow students to achieve 2 years of progress in one academic year.
Carving" Into STEM & Innovation!"	Towner	Eastridge Elementary	"Carving" into STEM and Innovation will provide Eastridge students with the opportunity to learn 3D carving though the fully-enclosed Carvey tool. Never before has digital fabrication been accessible to students in K-5, but now our school can introduce project based STEM learning from design, to software engineering, to fabrication and production.
Charging Station: Structured Preparation for Learning #1	Bruns	Other (please note where in your contact information)	The â€œCharging Stationâ€ program prepares preschool students to independently engage in new experiences at school through a uniquely designed physical space in the classroom. Students learn to â€œre-chargeâ€ by pairing challenges with positive experiences thereby building relationships, teaching emotional regulation skills, increasing independence, and establishing positive approaches to learning.

Code Dreamers: Use the innovation process to learn to code Edison Mini Robots at all levels	Angelo	Polton Elementary	Through this grant opportunity, about 400 students at Polton Community Elementary School will learn to code Edison Mini Robots, which are Lego product compatible. Students will program robots by first using picture-based coding language, then progress to a hybrid picture/text coding language, and eventually be able to use text based (Python) coding language. Students need experience with coding language, as they will be the future developers of apps, programs, robots, and more.
Coding and Robotics	Sterling	Campus Middle School	Kids will be able to develop coding skills by completing challenge with the Thymio and Ollie. A reward system is in place to earn badges in coding and robotics.
Coding with Ozobots	Mueller	Fox Hollow Elementary	2nd grade and 5th grade students at Fox Hollow will use Ozobots to explore the world of coding. Students will discover how to write code using Ozobot markers and will practice block coding using Blockly.

Community Based Instruction to Allow Inclusion for Students in the Community	Call	Sky Vista Middle School	Our class is a Community Based Instructional Autism Program that provides structure to four students with the goal of providing opportunities for each student to access their skills and abilities necessary for independent and adult living. The Community Based Instruction provides opportunities for each student to generalize these skills learned within the structured classroom, which allows them to transfer the skills into everyday functional life skills needed to participate in the community.
Computers for Visual Art	Westman	Horizon Community Middle School	Art students will be given the opportunity to use computers in the art room for numerous developmental and constructive needs. Students will be able to create digital portfolios, research works of art and artists, as well as use school resources like Schoology in the classroom.
Cubelets: STEM and Visual-Spatial Learning Through High-Tech Play	Philo	Eastridge Elementary	Cubelets are robotic blocks that can be used to build dynamic structures. This amazing technological learning tool teaches students to build, connect, program and have fun all at the same time.
Discovery Through Mosa Mack	Simon	Horizon Community Middle School	Students are inspired and engaged with curriculum through technology. Mosa Mack provides a springboard for students to delve into inquiry based problem solving.

Dreams Taking Flight	Thomas	Laredo Middle School	Through this program, the girls in the program (G-STEM @ Laredo) will interact with professionals in STEM at off-site locations (The United States Air Force Academy and National Renewal Energy Laboratory) exploring engineering labs and flight simulators, and learning about energy production and usage in the United States. The girls will gain understanding of different career possibilities and the impact people have on the environment, as well as see themselves working to solve some of the world's biggest challenges.
Eastridge Indoor Gardening Project	Philo	Eastridge Elementary	Indoor/classroom gardening projects give students firsthand experiences in the growing cycle and fit perfectly with Science units and standards in elementary grades. At Eastridge, we also have an outdoor garden program, so indoor classroom gardens will allow for easy indoor sprouting of herbs and vegetables that can then be transplanted to the outdoor garden during growing seasons.
Educator Initiative Grant	Wilkins	Horizon Community Middle School	Current technological lab equipment, materials, and differentiated seating are innovative teaching tools to promote the necessary science, technology, and engineering practices or skills for students in the 21st century. Students will engage in scientific concepts as real scientists do by designing and carrying out investigations, then supporting their claims with reasoning and evidence.

Educator Initiative Grant	Senbeta	Horizon Community Middle School	In the school year 2017-18, students will be able to analyze the evolutionary adaptation of frogs and will have the opportunity to practice proper dissection procedures. Students will also be able understand the abstract concept of elements in an exploratory lab.
Educator Initiative Grant	Landen	Overland High School	Two English teachers, who co-teach and co-plan with the same ELS teacher, want to be able to further differentiate vocabulary instruction and comprehension with all English Language Learners and Native Speakers by using the program vocabulary.com, a comprehensive, differentiated, and interactive online program.
Engineer a iPad Video Game	Clark	Dakota Valley Elementary	This is an activity where students will work together to build an entire video game from scratch. They will use an iPad and Bloxel, a hands on game building board using blocks to build their character and the game level challenges.
EV3 Robotics	Westman	Horizon Community Middle School	Students will learn basic engineering skills through building and programming Lego EV3 robots. By learning to use these robots students will develop their critical thinking and engineering skills.
Expanding Computer Science for All	Ramirez	Belleview Elementary	With the assistance of this grant we will be able to provide the students of Belleview with the opportunity to explore computer science and technology skills such as, coding, analyzing live data, digitally creating with the engineering design process and much more.

Flocabulary year-subscription	Evans	Cherokee Trail High School	Flocabulary is an amazing online resource that uses music to help teach students about a variety of subjects, from Math to Social Studies to Language Arts, and even Current Events. The company has created countless relevant songs along with a number of resources for students to study with and teachers to utilize in class; overall, this is a FUN and culturally relevant way of teaching!
Formative Assessment & Processing Content with Paddle Whiteboards	Buyck	Eaglecrest High School	Teachers at Eaglecrest High School are using Paddle Whiteboards to help students process information during science lessons. The teachers say this formative assessment tool helps them to immediately identify student levels of understanding so instruction can be modified in the middle of a lesson.
Future Scientists, Technicians, Engineers and Mathmeticians	Galie	Holly Hills / Holly Ridge Elementary	I have a one of a kind program where I teach STEM using Legos all day long to grades K-5th. Most schools have a Lego Robotics club, but I get to teach Legos all day long to 600+ students.
Gamification in the Classroom	Schuhmacher	Rolling Hills Elementary	Do you want to redesign and suprcharge the learning experience? Gamification and coding can create an engaging phenomenon in the classroom, which can teach students practical skills, foster collaboration and creativity, as well as motivate students to advance their own learning through self-guided instruction.

Girls in STEM Sponsor	Buffo	Other (please note where in your contact information)	This grant will inspire girls grades 9-12 to visualize themselves in Science, Technology, Engineering and Math careers and empower them to pursue STEM professions. We envision a world where women feel confident to pursue STEM careers and are equally represented in the STEM workforce.
Going Beyond the Screen and Accomplishing the 4 C's with Osmo!	Winkler	Buffalo Trail Elementary	Students go beyond the screen with Osmo, which allows them to access the 4 C's - critical thinking, collaboration, communication, and creativity through hands-on learning. Osmo works together with iPads to provide real-time feedback on a variety of educational subjects such as literacy, math, and computer coding.
Google Cardboard to Make History Come Alive!	Thomas	Fox Ridge Middle School	This grant seeks to procure a partial class set of 12 Google Cardboard devices and smartphones (or virtual reality goggles) in order to revolutionize the social studies classroom with virtual reality. Whether it is exploring ancient civilizations and important sites, taking virtual field trips to different countries and climate/vegetation zones around to world, or taking learnings deeper, Google Cardboard allows incredible enrichment and for students to truly see and experience history through their own eyes!

Go Wireless on Surface Pros	Lowy	Prairie Middle School	Wireless VGA adapters will allow students and teachers to use their surface pro computers and all of their inking capabilities from anywhere in the room. This will enhance student engagement in all core areas and aid in classroom management as the teachers are not tied to their desks to use the many teaching features of the surface pros.
Great Titles in Graphic Novels	Bone	Dakota Valley Elementary	Great Titles in Graphic Novels will lead over 100 fifth graders at Dakota Valley Elementary to increase their engagement in fiction reading. Through these appealing and accessible books, students of all reading abilities will learn elements of fiction, explore various genres of fiction, and compare/contrast different storytelling styles.
Green Team	Robbins	Buffalo Trail Elementary	Intermediate students, who are part of student council, will create a recycling program for Buffalo Trail and implement Teracycle for recycling waste throughout the school and cafeteria. They will involve representatives from each grade and teach students about the importance of recycling and taking care of the environment.
Hands-On Electricity	Peitsmeyer	Campus Middle School	The grant will be used to purchase equipment so that students are able to use real electronic components to learn about electricity and circuits. Understanding circuitry prepares students for what they will later discover when a piece of technology is reverse engineered, or taken apart.

harging Station: Structured Preparation for Learning #2	Bruns	Other (please note where in your contact information)	The â€œCharging Stationâ€ program prepares preschool students to independently engage in new experiences at school through a uniquely designed physical space in the classroom. Students learn to â€œre-chargeâ€ by pairing challenges with positive experiences thereby building relationships, teaching emotional regulation skills, increasing independence, and establishing positive approaches to learning.
ILC Coffee Cart	Zimmerman	Fox Ridge Middle School	The Fox Ridge ILC coffee cart creates an authentic situation for the ILC students to practice and develop social skills. By participating in this routing, students are able to practice taking orders, take part in money exchanges, and learn job organization skills while being a valued member of the Fox Ridge community.
Incredible Years: Increasing Success for Children Dealing with ADHD, Elevated Emotions and Defiance	Bassett	Independence Elementary	Despite various interventions in schools, students dealing with behavioral issues continue to struggle in the classroom, in turn negatively impacting the achievement of themselves and their peers. The Incredible Years, a creative program used successfully in the Aurora community for students diagnosed with ADHD, emotional disabilities, or Oppositional Defiance/Conduct disorder, can now be implemented within the school setting with the potential to increase prosocial skills, regulation, and overall student success.

Innovation Hour	Waldron	Meadow Point Elementary	Over 100 third grade students of all levels will be engaged in STEM activities where they will be empowered to explore their own passions. Students will be engaged in experiential learning, persist in problem-solving, embrace collaboration, and work through the creative process.
Inquiring Minds: Inspiring Preschoolers to Investigate	Riat	Polton Elementary	The "Inquiring Minds" program invests in the natural curiosity of its students by providing preschoolers with interactive experiments to cultivate scientific inquiry-based thinking. Each hands-on activity explores the power of investigation by engaging children with meaningful opportunities to practice the scientific method through asking questions, testing hypotheses, and discussing results.
Inquiring Minds: Inspiring Preschoolers to Investigate	Keppler	Polton Elementary	The "Inquiring Minds" program invests in the natural curiosity of its students by providing preschoolers with interactive experiments to cultivate scientific inquiry-based thinking. Each hands-on activity explores the power of investigation by engaging children with meaningful opportunities to practice the scientific method through asking questions, testing hypotheses, and discussing results.
Inspiring Wonder: Kids can code with Dash!	Larimer	Aspen Crossing Elementary	This grant will give students the opportunity to learn with Dash, small robots for curious minds! Students will utilize Blockly coding language to teach their robots to narrate stories, mimic animal behaviors, play musical instruments, or maneuver through obstacle courses.

iPad Mini 4 128 GB	Privitera	Holly Hills / Holly Ridge Elementary	An Ipad Mini 4 will be used in combination with the Airserver application and Boardcam application to serve as a mobile document camera and smartboard.
Keyboarding Without Tears	Stout	Holly Hills / Holly Ridge Elementary	To ensure that our students have the general online test-taking knowledge that they need to navigate a computer efficiently and effectively and to help them gain transcription efficiency with keyboarding so working memory and cognitive resources are freed up for ideas, we would like to implement the research-based program Keyboarding Without Tears with 4th graders, and as a tier 2 intervention for targeted students K - 5.
Kindle Fire Project	Lewis	Prairie Middle School	The Kindle Fire project aims to improve literacy skills for eighth grade students at Prairie Middle School by providing them with access to apps for enhancing literacy. The Kindle Fires will be used for all students in their Language Arts class but particularly for Special Education students, English Language Learners, and all students with literacy difficulties.
Learning with Legos	Robbins	Buffalo Trail Elementary	Students will be creating simple machines, measuring with the metric system and critically thinking about solutions to various problems using Legos. Students will also be building robots and moving them through obstacle courses created by other students in class.

Learn to Code with Dash & Dot	McQueen	Mission Viejo Elementary	With this grant opportunity 530 students at Mission Viejo Elementary school will learn to code robots called Dash and Dot, and students will use coding language to guide the robots through different activities with increasing levels of difficulty. They will practice logical thinking and will improve their coding skills by creative thinking and learning from their mistakes.
Learn to Code with Dash & Dot Part 2	McQueen	Mission Viejo Elementary	With this grant opportunity 530 students at Mission Viejo Elementary school will learn to code robots called Dash and Dot, and students will use coding language to guide the robots through different activities with increasing levels of difficulty. They will practice logical thinking and will improve their coding skills by creative thinking and learning from their mistakes.
Let's Cook! Life Skills	Kaczmarek	Buffalo Trail Elementary	Students will participate in a weekly cooking club that is co-taught by the speech-language pathologist and special education teacher in order to target math, executive functioning and language goals. This group will focus on reading and interpreting recipes, planning, pricing, measuring and prepping the recipes chosen.
Life Skills and Community Engagment	Brevik	Buffalo Trail Elementary	A life skills program that promotes community awareness and engagement in order to develop self advocacy . This program will promote interest in future jobs, and training in life skills such as cooking, cleaning, dressing, organization skills, etc.

Magnetic Folders for All	Boudar	Meadow Point Elementary	Our school uses CR Success for our phonics program, in the past we have used cookie sheets for our magnetic letters. The magnetic folders that CR Success supplies are easier to organize, and safer for transitions.
Math games to Promote Learning	Dillard	Independence Elementary	My students need math games to gain confidence and necessary skills that can not be taught in lessons. Students will utalize problem solving skills and collaboration in a non threating way using play.
mBots for ANR	McKenzie	Antelope Ridge Elementary	This grant will fund the acquisition of mBot robots that will help students take their STEM skills to the next level. They will work with a robot from building it to bringing it to life through programming, collaboration and innovation.
Memory for Making Memories	Coupas	Liberty Middle School	As a photography teacher, I nurture the essential creativity of my students, build their interpretative and technological skills, and develop their understanding of the power of photography to convey their unique perspectives of the world. This grant will provide an updated platform for middle school photography students to utilize Adobeâ€™s Creative Cloud to its fullest potential to do just that.
Mindfulness in the Classroom	Rice	Prairie Middle School	Mindfulness in the Classroom is a way for students to learn and practice mindfulness strategies that will help them regulate their emotions on a daily basis. Students can use the strategies to stay focused in the classroom and beyond.

More Inquiry, More Technology, More Science	Sinning	Horizon Community Middle School	Students are inspired and engaged with curriculum through technology. Mosa Mack provides a springboard for students to delve into inquiry based problem solving.
More Inquiry, More Technology, More Science	Gonzales	Horizon Community Middle School	Students are inspired and engaged with curriculum through technology. Mosa Mack provides a springboard for students to delve into inquiry based problem solving.
Movement through Simply Fit Boards	Friedman	Eastridge Elementary	Students will use movement through a Simply Fit Board to help increase mental focus, foster perserverance and increase physical activity throughout their day. Use of the fit boards will, in turn, promote academic and behavioral success in all learning environments.
Multimedia Studio	phelan	Campus Middle School	This program entitled Multimedia Studio will impact the current makerspace housed in the library and will create a recording studio to increase 21st Century learning (problem solving, collaboration, communication, technology). Students will be able to create the following: blogs, movies, commercials, newscasts, podcasts, vlogs, original musical scores, vocal performances, instrumental recordings, digital music recordings, etc.
Mustang Girls Book Club	Peitsmeyer	Campus Middle School	Middle School girls will read a book about a female role model in STEM. The book is called Robo World: The Story of Robot Designer Cynthia Breazeal. This is a fact based story about a woman who wants to create robots so as to help people.

Ozone Coffee Shop Renovation	Cleveland	Overland High School	Ozone Coffee Shop is in an in-house vocational training program where students serve adults in an authentic coffee shop. Students gain real world employment s skills such as; customer service, money skills, product development, and direct interaction with private businesses.
Papier MAche Mini Golf	Bergles	West Middle School	Students will design and create large scale sculptures that function as working miniature golf holes. They must adhere to a theme for the course, design an obstacle for the hole, create the hole props and test the course.
Passport to Adventure: A Cross-Curricular Approach to Art	Richins	Trails West Elementary	Trails West Elementary students in Grades 3- 5 will become virtual travelers as they explore cultures around the world through visual art and document their journey with a â€œPassport to Adventureâ€ sketchbook experience. They will see live artifacts, hear stories, listen to first person accounts, and incorporate 21st century skills as they respond to inquiry in class discussions, connect with discovery as associations are made, create with artistry in a variety of media, and present their work to convey personal meaning that will culminate in a visit to the Denver art Museum.
PCR and Gel Electrophoresis	Edgar	Eaglecrest High School	Using the innovative minione PCR system, students will design and conduct inquiry-based experiments in molecular genetics. Students can determine a gene of interest and amplify it for analysis within a single class period.

PEBC TSI	Willner	Cottonwood Creek Elementary	Through this grant opportunity, 234 fourth and fifth grade students at Cottonwood Creek Elementary will learn thinking strategies that will enable them to understand complex text, academic standards, and content. Students will master the art of learning to think and thinking to learn.
Peer to Peer Grit Book Club	Rusnak	Cherokee Trail High School	This year I will be coordinating peer to peer tutoring and mentoring between students who wish to mentor and students who need mentorship. I would like to read the book Grit by Angela Duckworth with the peer mentors, so that they will have ongoing ideas about how to foster a growth mindset with the students whom they mentor. I am asking for the funds to provide these books.
Perusing Peru	Flicker	Falcon Creek Middle School	Exploring the culture and heritage of Peru through an art experience enriches students global awareness. Students will have the opportunity to create a narrative gourd. Narrative gourd carving and painting has a is a rich Peruvian tradition for over 4,000 years. Students will get to experience this manner of storytelling and art.

Project-Based Learning and Digital Student Portfolios with iPads	Mayl	Timberline Elementary	Through this grant opportunity, 22 students in my class and 106 students across the grade level, will use iPads to create digital portfolios showcasing their learning using a myriad of apps including digital storytelling, green screen technology, interactive Jeopardy-like assessments, and more. With a focus on content-driven project-based learning and Googleâ€™s Genius Hour movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.
Project-Based Learning and Digital Student Portfolios with iPads	McFarland	Timberline Elementary	Through this grant opportunity, 22 students in my class and 106 students across the grade level, will use iPads to create digital portfolios showcasing their learning using a myriad of apps including digital storytelling, green screen technology, interactive Jeopardy-like assessments, and more. With a focus on content-driven project-based learning and Googleâ€™s Genius Hour movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.

Project-Based Learning and Digital Student Portfolios with iPads	Rubenstein	Timberline Elementary	Through this grant opportunity, 21 students in my class and 106 students across the grade level, will use iPads to create digital portfolios showcasing their learning using a myriad of apps including digital storytelling, green screen technology, interactive Jeopardy-like assessments, and more. With a focus on content-driven project-based learning and Googleâ€™s Genius Hour movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.
Project-Based Learning and Digital Student Portfolios with iPads	Gartelos	Timberline Elementary	Through this grant opportunity, 22 students in my class and 106 students across the grade level, will use iPads to create digital portfolios showcasing their learning using a myriad of apps including digital storytelling, green screen technology, interactive Jeopardy-like assessments, and more. With a focus on content-driven project-based learning and Googleâ€™s Genius Hour movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.

Project-Based Learning and Digital Student Portfolios with iPads	Veaudry-Fiedler	Timberline Elementary	Through this grant opportunity, 20 students in my class and 106 students across the grade level, will use iPads to create digital portfolios showcasing their learning using a myriad of apps including digital storytelling, green screen technology, interactive Jeopardy-like assessments, and more. With a focus on content-driven project-based learning and Googleâ€™s Genius Hour movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.
Say Cheese!	Sevy	Fox Hollow Elementary	Students use digital cameras to create a animation project. Students use either the software program "Frames" to compile pictures and have them them play in a flip-book style fashion or WeVideo to edit the video to play faster for "real-time" fast drawing.
Shake it Up	Voreis	Challenge School	Students will use the engineering design process to develop earthquake-proof towers. They will test their towers using a programmable tremor table that can repeatedly replicate testing conditions, and they will redesign their towers based on their testing results.

Silent Disco Learning	Watt	Prairie Middle School	Students will increase engagement in classroom instruction by participating in lessons through silent disco headphones. These headphones utilize lights and music as well as allow the teacher to speak to all headphone wearers through an FM system. Much research has been done supporting the positive effects of music on retention and focus.
Sisterhood	Harvey	Holly Hills / Holly Ridge Elementary	Group description: The Sisterhood Society was designed to benefit a group of 5th grade girls by building confidence and personal development through community service, personal vision, life skill development, and building a bond of friendship and sisterhood. We are looking for a wide range of girls for our first S.S. : girls who might already be showing leadership qualities in the class, to those who need that extra boost of confidence that a small group setting like S.S. will provide; ultimately any student who you believe may have extra barriers to success and confidence in the coming years. I really feel like any 5th grade girl will benefit.
Sound Learning	Ekblade	Peakview Elementary	The act of "reading with your ears" is a very good thing for our students. Research supports that the use of audiobooks in conjunction with written text increased vocabulary, fluency and comprehension in developing readers.

Special Education Applications	Kessler	Homestead Elementary	Students Kindergarten through Fifth Grade at Homestead Elementary with Individualized Education Plans will have access to iPad apps regarding literacy, math, receptive/expressive language, visual perceptual skills, and fine motor skills for extended practice and support. Regular education students across all grades will also receive access to these apps for continued support within the general education classroom to support continued learning and practice.
Spheros for STEM	Turner	Meadow Point Elementary	Sphero is a Colorado-based robotics company that created the Sphero+, a versatile, programmable, and fun educational tool. With the Sphero+, students can learn to code, draw shapes, calculate speed and velocity, calculate angles and trajectory, develop visual-spatial and motor coordination skills, and much more.
Stand and Deliver	Radosevich	Smoky Hill High School	Research has proven that actively engaging the body, helps the mind to absorb and engage as well. Adding standing desks in the library will allow students to study/work, while engaging their bodies.
STEM Exploration and Maker Space	Cowan	Walnut Hills Elementary	Through exploration of various STEM activities, tools and resources, along with the addition of a classroom maker space, kindergarten students will be introduced to problem solving, critical thinking and collaboration.

STEM Playground Innovation Project	Anderson	Eastridge Elementary	Students will research, design, draw, 3-D print, engineer and BUILD a 5 hole mini-golf course for our campus. This project puts emphasis on every area of STEAM, innovation, and community as they design and engineer a project to improve their surroundings.
StEmpower Students	Eyolfson	Coyote Hills Elementary	Students in elementary school will use the Proscope to investigate One Small Square. Students will observe and learn about plants and animals and their interaction by adopting a square meter on and near the school grounds.
STEM: Rube Goldberg Projects	Mikesell	Eaglecrest High School	Students will build a Rube Goldberg energy transfer machine as a STEM project at the end of the energy unit in Earth Physical Science. The Rube Goldberg machine will have 5 consecutive energy transfers, with multiple types of energy used.
Stop Motion Superstars: Elementary Video Production!	Towner	Eastridge Elementary	Eastridge Elementary students become revolutionary directors and filmmakers! Through the Stop Motion Superstars grant, all students in grades 1st through 5th will create, direct, and produce a short stop motion movie.
Student-Centered Flexible Seating	Groves	High Plains Elementary	My goal is to transform my classroom design by adding more flexible seating options to cater to the variety of learners in my classroom. These work spaces would provide a 21st century learning environment, that would further foster creativity and collaboration in the classroom.

Student Magnetic-Tile Letter Boards	Gralla	Walnut Hills Elementary	I offer small group instruction, using the Really Great Reading Program , Blast and HD Word to help struggling readers (K-5) master the essential reading skills to become strong and proficient readers. The goal of this grant would be to provide my students manipulative kits that include magnetic colored tiles, letter tiles, and SyllaBoards that are used with the lessons in The Really Great Reading program.
Supporting Equity Through Visiting College Campuses	Greathouse	Prairie Middle School	AVID students will experience a college campus visit thereby increasing the likelihood of their enrollment in the future. Exposure to college campuses will help to close the opportunity gap, the achievement gap, and the gender gap that all exist for our students of color.
Take a Byte Out of Technology	Hatch	Holly Hills / Holly Ridge Elementary	Fourth graders will be using 2 iPad minis to create an online portfolio of their work throughout the year that can be shared with with their teachers and their families.Using, their creativity to show their understanding of the content in video, pictures, written word, and their voice, they will try out new applications to extend their learning and respond to literature.
Technology for Home/Hospital Instructors	Eigner	Other (please note where in your contact information)	Providing technology to Home/Hospital Instructors will allow their students, who are too ill to attend school, access to classroom materials and the ability to communicate with their teachers. Utilizing technology tools will facilitate a smooth transition back to school for these students.

The Brotherhood Student Leadership Program	Kennedy	Holly Hills / Holly Ridge Elementary	The Brotherhood is a group of dedicated 5th-grade boys who have their sights set on making a significant impact in their communities through academic achievement, community service, and student leadership. Through college visits, guest speakers, career and college discovery, community service work and leadership in their school, these young men take charge of their futures by living out these words: â€œThe future depends on what you do today.â€
The Online Oxford English Dictionary: A Fascinating Story of Language and Change	Gray	Cherry Creek High School	Funding from this grant will provide access to the online subscription of The Oxford English Dictionary (OED), which is widely regarded as the accepted authority on the English Language. The OED is a fascinating story of language and change; a long and rich history: as the last word on words for over a century.
Thinking Strategies	Derbish	Cottonwood Creek Elementary	Innovation and 21st century learning requires communication, critical thinking, collaboration, and creativity skills that reach across all disciplines. To incorporate the â€œ4Csâ€ in my classroom, I am respectfully asking the Cherry Creek School Foundation for funds to attend the Public Education and Business Coalitionâ€™s (PEBCâ€™s) Fall Thinking Strategies 4 day workshop: â€œThinking to learn, and learning to think!â€

Thinking Strategies Institute	Bainbridge	Cottonwood Creek Elementary	This grant will supplement the cost to attend the PEBC Thinking Strategies Institute. This professional development focuses on workshop and facilitation-based instructional model, thinking strategies, and student-inquiry. . The training will allow me to provide the opportunity for the students at Cottonwood Creek to be active learners. It will provide the proper training for me to create a classroom for engagement in learning, and happiness in students.
Thinking Strategies Institute	Wehrle	Cottonwood Creek Elementary	The PEBC, Public Education and Business Coalition, offers the Thinking Strategies Institute in which educators will learn how to explicitly teach, support, and plan for deeper thinking using the thinking strategies within in the context of best instructional practices. The institute provides an opportunity to visit PEBC Lab Classrooms where teachers and students use thinking strategies on a regular basis. I will explore ways to promote deep learning by fostering engagement and understanding, and how the workshop model, rich student discourse, and thinking oriented classroom communities provide time for teacher modeling, student practice and self-reflection.
Using Foot Biometrics to Design Prototype Shoe Sole	Dickerson	Falcon Creek Middle School	Sixth grade students will learn about the biomechanics of the human foot in action. Once students have studied the biomechanics they will use the engineering design process to design and create a prototype shoe sole for a favorite leisure activity.

Video Game Design and Development	Blaize	Liberty Middle School	Middle School Technology students will authentically approach interdisciplinary learning through game design and development. Through the iterative design and development process, students will be improving upon multiple 21st century skills including but not limited to: critical thinking, creative thinking, collaborating, communicating, problem solving, narrative storytelling, and programming.
Wiggle While We Work	von Klinggraeff	Indian Ridge Elementary	Offering multi-sensory options for seating (wobble chairs) and learning is an important part of a 21st-century classroom that values all learners and their needs. Helping students self-select seating options that make them successful will empower them as independent learners, increase achievement and support building rigor in the classroom.
Young Men's Summit	Gonzales	Smoky Hill High School	The Smoky Hill Young Men's Summit focuses on leadership, resilience, and academic success for our Black male students. Our vision is Achieving Success in the 21st Century.