2018-19 EIGs - Grant Name	Applicant Name	School	Abstract
Drones In the Classroom	James Christensen	Altitude Elementary	Who doesn't get excited about the opportunity to fly an unmanned aircraft and want to see the wonder on students' faces? Using drones in the classroom will help students build a better understanding of the world around them, enrich their imagination, and spark their curiosity in ways that can be very beneficial.
Global Day of Design	Julie Mueller	Fox Hollow Elementary	The Global Day of Design is a schoolwide event in which every student in every classroom has the opportunity to make, build, and tinker. The Global Day of Design is one-day that focuses on using the Design Thinking process in our school with the goal being to inspire students and teachers to make the Design Thinking process an everyday practice.
Mission to Mars	Ryan Remien	Altitude Elementary	Mission to Mars will support 5th Grade Student's understanding of atmospheric & space science, and the affects on space travel. In commemoration of the upcoming 50th anniversary of the Moon landing, students will plan the next great human adventure, a Mission to Mars.

Moon Mission	Ryan Remien	Altitude Elementary	Mission Moon is the 2018-2019 Jr. FIRST LEGO League challenge for students in grades 2nd and 3rd. Up to 18 teams from across Cherry Creek School District will gather together at the Mission Moon Expo to share their learning and solution to the Mission Moon Challenge.
Project-Based Learning using a Green Screen	Sarah Luther	Mountain Vista Elementary	Using the Project Based Learning method, our second grade scientists will connect and apply grade level science content about weather to the world around them. Mountain Vista learners will integrate science, literacy, innovation, and 21st century skills to create an authentic weather related project using green screen technology.
Reading Success For All	Pamela Haines	Altitude Elementary	At Altitude Elementary, our goal is for every student to have a strong reading base for success in all academic areas before leaving third grade. Third grade students will build a strong phonological base for reading and writing through concepts and applied skills learned in the CR Success program.
Reading Success through Targeted Inverventions	Megan Adams	Altitude Elementary	At Altitude Elementary, our goal is for every student to have a strong reading base for success in all academic areas before leaving third grade. Third grade students will build a strong phonological base by reading decodable books and learning concepts through the CR Success program.

Renovated Learning: Building a Culture of Creativity, Innovation, and Discovery	Robin Schuhmacher	Altitude Elementary	Moving away from a ready-made knowledge, the innovative mindset allows our learners to construct their own knowledge by creating and interacting with physical objects. Renovated learning through hands-on Wonder Tubs will allow students to build a culture of creativity, innovation and discovery that will provide students with real-word challenges.
Risk to Reading	Sara Beth Keppler	Polton Elementary	Risk to Reading' (R2R) bolsters the home learning environment for at-risk children and families by providing engaging resources, parent education, and relevant materials for family-centric enrichment opportunities. R2R aims to enhance home learning environments by educating parents about development, coaching families to use dynamic engagement techniques, and establishing a shared resource library for the community.
Find My Feelings Part II: Teachers with Emotional Competence	Jennifer Riat	Polton Elementary	Find My Feelings Part II provides early childhood educators with specific training to support the social and emotional health and wellness of underserved populations. Staff will engage in both training modules and observational feedback in the classroom to ensure fidelity of programming.

Augmented Reality for Engagment	Carrie Larimer	Aspen Crossing Elementary	Augmented Reality for Engagment' at Aspen Crossing will allow students of all ages to help build and experience different VR and AR experiences. Using the CoSpaces App and Merge VR cubes and goggles, older students can create virtual museums or zoos, while younger students explore these worlds and models.
Design, Share, Enhance, Create	Sheryl Frye	Ponderosa Elementary	My 26 fourth graders will be using the 3 ipad minis to explore new pedagogical approaches to learning as they create, enhance, explore, practice, design, and connect with families throughout the day. They will explore new ways to deepen their understandings, extend their learning, and be afforded choice and creativity in their products with apps such as Flipgrid, Booksnaps, Padlet, Book Creator, Green Screen, Explain Everything, Biblionasium, and Seesaw through voice, written word, video, and pictures.
Dumb Ways to Die on Mars!	Mary Anderson	Eastridge Elementary	What are the components necessary to ensure survival on Mars? How will we work together as a society to survive on Mars?

First Grade Lego Wall	Celeste Deal	Mission Viejo Elementary	The grant would be used to create a portable wall of brick plates to create and explore building, problem solving, and collaborating with others using Lego bricks. The plates would be attached with Velcro and would be able to be removed to use on the floor or desks with individual students as well as the presentation board.
For the Birds!	Deb McMullen	Holly Hills / Holly Ridge Elementary	Learning holistically and through Project Based Learning, the Kindergarten Children with the support of 5th Grade Friends will experience a thoroughly integrated and authentic challenge entitled: For The Birds! As environmentalists and structural engineers, they will discover the best material for designing and building a birdhouse to withstand our Colorado climate, providing shelter and protection for the birds visiting our Community Garden at Holly Ridge.
Ipad Innovation in the Music Room	Katie Willard	Altitude Elementary	With technology (5 mini-iPads), music can reach a whole new percentage of students that otherwise would not feel successful or interested in music. There are many different types of learners in each school and the music teacher must be innovative and forward-thinking when it comes to helping every student in the school be successful and inspired.

K-Ville Builds: Episode I	Charles Kastens	Independence Elementary	My 4th grade classroom ("K-Ville") is partnering with a 3rd grade class and a 5th grade class to complete a Project Based Learning experience to create a community garden for the Independence Community. This grant will provide the necessary materials needed to make our portion of the project a success.
LEGO WeDo 2.0	Julie Mueller	Fox Hollow Elementary	With this grant, students in 2nd through 5th grade will use LEGO WeDo 2.0 kits during STEM and technology classes to build and program LEGO robot creations. The LEGO WeDo kits provide elementary aged students with an introduction to technology, engineering, and programming that allows students to explore physical, life, earth and space science topics.
LEGO WeDo 2.0	Jennifer Sevy	Fox Hollow Elementary	With this grant, students in 2nd through 5th grade will use LEGO WeDo 2.0 kits during STEM and technology classes to build and program LEGO robot creations. The LEGO WeDo kits provide elementary aged students with an introduction to technology, engineering, and programming that allows students to explore physical, life, earth and space science topics.

Little Investigators- Hands-On Experimentation for the Preschool Classroom	Robin Keach	Summit Elementary	Through the use of investigation and experimentation, preschoolers at Summit Elementary School will be introduced to the scientific method. Hands-on investigations will introduce them to the scientific process, and promote their natural curiosity so they can make observations, ask questions, hypothesize, and draw conclusions.
Mindful Area	Lindsay Hofman	Eastridge Elementary	Every day, our preschool children are challenged to understand and manage their emotions, navigate their peer's emotions and problem-solve conflicts all while trying to learn, retain, and recall new information. With the creation of a new and innovative Mindful Learning Corner in our Early Childhood Classroom, children will confidently and independently face all the ups and downs of their preschool day.
Project ACE: All Children Engaged	Diana Huston	Aspen Crossing Elementary	Project ACE: All Children Engaged, provides a variety of learning opportunities for students in grades first through fifth. These opportunities cover a wide variety of topics including, but not limited to, cooking, physical activities, STEM, as well as the arts and allow students to build relationships with other students and teachers that share similar passions.

Reflection for Individual Needs	Kristin Gregory	Fox Hollow Elementary	Students will use the Seesaw application school wide, linking classroom learning to targeted IEP and small group intervention. In Seesaw students will be able to add photos of their work, demonstrate learning in various modalities, share with parents and classroom teacher's their learning.
Targeting Literacy through Pop Culture	Jennifer Mahoney	Independence Elementary	Pop culture, through graphic novels, comics and drawing, can be used to enhance literacy development for students motivated by those mediums.
Enhanced Differentiation with iPads	Nicole Amador	Sagebrush Elementary	Students will collaborate, problem solve, and think critically by accessing differentiated activities, resources, and tools through the use of iPads in the classroom.
Enhance differentiation with iPads	Katie Vogel	Sagebrush Elementary	Students will collaborate, problem solve and think critically by accessing differentiated activities, resources and tools through the use of iPads in the classroom.
Filming Equipment	Jennifer Ansorger	Homestead Elementary	This grant will be used to purchase filming equipment for use by all students and teachers. We will be purchasing an iPad, tripod, lighting, green screen kit, and microphones.

First Grade Digital Portfolio	Kathryn Workman	Aspen Crossing Elementary	Young students in the first grade will be able to share their thinking and learning beyond the classroom using iPads and Seesaw's digital portfolio and reflecting on their learning goals daily. The home-school connection will be strengthened throughout the year, as families learn more about what is happening in their student's classroom and teachers learn more about their families, capitalizing on the iPads to capture audio, video, and touch within the social Seesaw app.
First Grade Digital Portfolios	Brittany Rhue	Aspen Crossing Elementary	Young students in the first grade will be able to share their thinking and learning beyond the classroom using iPads and Seesaw's digital portfolio and reflecting on their learning goals daily. The home-school connection will be strengthened throughout the year, as families learn more about what is happening in their student's classroom and teachers learn more about their families, capitalizing on the iPads to capture audio, video, and touch within the social Seesaw app.

First Grade Digital Portfolios	Kate Sunstrom	Aspen Crossing Elementary	Young students in the first grade will be able to share their thinking and learning beyond the classroom using iPads and Seesaw's digital portfolio and reflecting on their learning goals daily. The home-school connection will be strengthened throughout the year, as families learn more about what is happening in their student's classroom and teachers learn more about their families, capitalizing on the iPads to capture audio, video, and touch within the social Seesaw app.
First Grade Digital Portfolios	Sarah Purton	Aspen Crossing Elementary	Young students in the first grade will be able to share their thinking and learning beyond the classroom using iPads and Seesaw's digital portfolio and reflecting on their learning goals daily. The home-school connection will be strengthened throughout the year, as families learn more about what is happening in their student's classroom and teachers learn more about their families, capitalizing on the iPads to capture audio, video, and touch within the social Seesaw app.

Getting Fit is Contagious	Cynthia Starr	Eastridge Elementary	Fifth graders are stuck to some sort of screen. Imagine one simply tool that can not only get them out and moving but infect the people around them to move. Activity trackers can do this; plus they benefit them emotionally, mentally, and academically.
Green Screen Props	Naomi Meredith	Rolling Hills Elementary	Over 500 K-5 students of all levels will be engaged in STEM lessons that will incorporate green screen technology throughout the year. This is a tool that students will be able to explore and showcase their learning with the help of various props.
Hummingbird Contraptions and Microbit	Carrie Larimer	Aspen Crossing Elementary	200- 4th and 5th grade students at Aspen Crossing Elementary will participate in Project Based Design challenges using the Hummingbird Microbit Robotics Kit. Students will practice perseverance through struggle as they look for universal design problems that could be solved using Microsoft MakeCode blockly language and the Hummingbird kit of sensors and outputs.

Innovative Outdoor Learning Space	Kristin Gregory	Fox Hollow Elementary	We will improve academic achievement with the highest impact in science followed by math and language arts for all students by integrating a school garden into students' curriculum, thus creating an innovative outdoor learning space. By adhering to ADA standards, we will ensure that every student has access to the garden with their general education peers.
Inspired Innovator and Creative Collaborator	Kiley Eberly	Altitude Elementary	The Inspired Innovator and Creative Collaborator will thrive with this diverse range of research-based games, puzzles, and challenges. ALL elementary students will find engagement with multiple entry points, integrated content, problem solving, and a range of learning styles, sparking future project-based learning initiatives.
ipads for Innovative Learning	Casey Sullivan	Antelope Ridge Elementary	Over 100 Kindergartners of all levels will have access to ipads in order to be engaged in innovative technology activities where they will be empowered to create, collaborate, communicate, and use critical thinking. 21st Century Learners will be able to use engaging ipad apps to share their learning and ideas with others with ease.

ipads for Innovative Learning	Abigail Jansen	Antelope Ridge Elementary	Over 100 Kindergartners of all levels will have access to ipads in order to be engaged in innovative technology activities where they will be empowered to create, collaborate, communicate, and use critical thinking. 21st Century Learners will be able to use engaging ipad apps to share their learning and ideas with others with ease.
ipads For Innovative Learning	Kirsten Buravlov	Antelope Ridge Elementary	Over 100 Kindergartners of all levels will have access to ipads in order to be engaged in innovative technology activities where they will be empowered to create, collaborate, communicate, and use critical thinking. 21st Century Learners will be able to use engaging ipad apps to share their learning and ideas with others with ease.
Ipads for Innovative Learning	Rebecca Degner	Antelope Ridge Elementary	Over 100 Kindergartners of all levels will have access to ipads in order to be engaged in innovative technology activities where they will be empowered to create, collaborate, communicate, and use critical thinking. 21st Century Learners will be able to use engaging ipad apps to share their learning and ideas with others with ease.

Keyboarding without Tears	Kelsey Brewer	Holly Hills / Holly Ridge Elementary	To ensure that our students are prepared for 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 1st graders.
Kindness Club kind playgrounds	Stephanie Abel	Village East Elementary	Village East Kindness Club would like to increase the cooperative opportunities on the playground in order to help students learn cooperative play. Students will learn the life sized game board games and produce videos about how to play the games.
Learning Tools for Everyone	Karen Hampel	Holly Hills / Holly Ridge Elementary	Learning tools will be systematically introduced in five elementary classrooms allowing over 100 children the opportunity to explore their sensory needs. Appropriate use of learning tools will lead to increased attention and affective regulation in the classroom producing higher levels of academic engagement.

Makey-makey Museums	Shannon McQueen	Mission Viejo Elementary	With this grant opportunity, 200 4th and 5th graders at Mission Viejo Elementary School will use makey-makeys to combine coding and classroom research to make interactive museums. In cooperation with classroom teachers and STEM class, 4th and 5th graders can design dioramas, maps, posters, etc. based on academic content areas, connect makey-makeys to their projects, record their voices using the Scratch coding program, and create interactive exhibits showcasing their creations in a museum.
Mental Healthy	Melinda Wernke	Cimarron Elementary	I wish to create an innovative space within the mental health room where children can express themselves, practice their coping strategies, and learn new skills in a safe environment.
Non-Fiction and Culturally Diverse Books	Meredith Ramsey	Altitude Elementary	97 third graders, in a brand new school, need access to a wide variety of literature genres and topics and have spaces to read them like they are gold. Students should be able to go to their classroom library and find a book that meets their needs, reflects who they are, and challenges them while they fall in love with reading!

Planting Smiles	Amy Armatas	Holly Hills / Holly Ridge Elementary	Kindergarten students at a Title One school attend a field trip at Anderson Farms in Erie, Colorado. Along with a tour of the farm and its animals, students will plant a special sunflower called Smiles in a biodegradable container to take and plant at home.
Road to Robotics!!	Stacy Curry	Canyon Creek Elementary	Teams of students will design and build a VEX robot to compete against other teams. The engineering challenge is game-based.
SHOUT Buddies	Karen Short	Homestead Elementary	90 Homestead 5th graders are partnered with 35 differently-abled students (students with physical and intellectual challenges) from Coyote Hills and Village East to break down barriers. 5th graders and their buddies work together to create family gifts, play games, go bowling, and plan, create, and participate in a culminating Special Olympics type event.
Find My Feelings Part I: Emotional Competence Preschool	Jennifer Riat	Polton Elementary	"Find My Feelings" is a three-fold approach that provides preschool students with a unique social and emotional skill curriculum designed to support a diverse population of learners. Students will: participate in evidence-based classroom lessons, engage with specifically trained staff, and utilize child-specific classroom supports at home to increase their social and emotional development across settings.

Find My Feelings Part III: Sharing Regulation with Families	Jennifer Riat	Polton Elementary	"Find My Feelings" Part III provides students and families with meaningful social and emotional curriculum supports to use in the home and community settings. Educators teach supports in the classroom and allow students the opportunity to increase generalization of social, emotional, and self-regulation skills with their families at home.
Focused and Flexible	Gwendolyn Schulte	Fox Hollow Elementary	Through the use of flexible seating in the music classroom, choir, band, and orchestra rehearsals, students will sustain greater focus on our learning. Flexible seating is furniture that has been designed to help students get their wiggles out while staying engaged in their learning. Flexible seating is options for students to choose a seat where they are most comfortable. Flexible seating will give students choice and change our environment to one that designed to support creativity, collaboration, critical thinking, and communication.

Culturally Relevant Library and Audio Recorded Books	Jannette McLaughlin	Walnut Hills Elementary	Funding for a multicultural and multilingual library at Walnut Hills Elementary with books at varying reading levels that teachers can use for instruction through read alouds, book clubs, and independent student reading. These books will be specifically chosen to reflect our increasingly diverse student population.
Digital Portfolio Family Connection iPad	Lisa Heckman	Timberline Elementary	Through this grant opportunity, 25 students in my class and 95 students across the grade level will use iPads to create digital portfolios, which will highlight their learning using a collection of apps including Seesaw, Flipgrid, and more. With a focus on building school to home connections, these iPads will give students the tools they need to plan, create, and document their learning and projects that they will take on throughout their time in third grade.

Digital Portfolio Family Connection iPads	Camille Brandt	Timberline Elementary	Through this grant opportunity, 24 students in my class and 95 students across the grade level will use iPads to create digital portfolios, which will highlight their learning using a collection of apps including Seesaw, Flipgrid, and more. With a focus on building school to home connections, these iPads will give students the tools they need to plan, create, and document their learning and projects that they will take on throughout their time in third grade.
Digital Portfolio Family Connection iPads	Whitney Rubenstein	Timberline Elementary	Through this grant opportunity, 23 students in my class and 95 students across the grade level will use iPads to create digital portfolios, which will highlight their learning using a collection of apps including Seesaw, Flipgrid, and more. With a focus on building school to home connections, these iPads will give students the tools they need to plan, create, and document their learning and projects that they will take on throughout their time in third grade.

Digital Portfolio Family Connection iPads	Chrisanne Gartelos	Timberline Elementary	Through this grant opportunity, 23 students in my class and 95 students across the grade level will use iPads to create digital portfolios, which will highlight their learning using a collection of apps including Seesaw, Flipgrid, and more. With a focus on building school to home connections, these iPads will give students the tools they need to plan, create, and document their learning and projects that they will take on throughout their time in third grade.
Genius Hour	Debbie Pearn	Canyon Creek Elementary	Our first grade students enjoy STEM, but we have limited resources. Through this grant, students will be empowered to be engaged in critical thinking, collaboration, creativity, compassion and effective communication.
Genius Hour	Kristy Craun	Canyon Creek Elementary	Our first grade students love STEM but we have limited resources. Through this grant students will be empowered to be engaged in critical thinking, collaboration, compassion, creativity, and effecting communication. use their creativity.
Genius Hour	Kara Penrod	Canyon Creek Elementary	Our first grade students love STEM, but we have limited resources. Through this grant, students will be empowered to be engaged in critical thinking, collaboration, creativity, compassion, and effective communication.

Genius Hour	Cecelia Magro	Canyon Creek Elementary	Our first grade students love STEM but we have limited resources. Through this grant students will be empowered to engaged in critical thinking, collaboration, creativity, compassion and effective communication.
Green Screen Gurus	Jennifer Sevy	Fox Hollow Elementary	Students will use green screen technologies to create a YouTube style video in which they give a tour of a famous landmark. Students will create and edit the video use our district licenses to WeVideo.
Learning The Write Way	Susan Ekblade	Altitude Elementary	Students in 4th grade at Altitude Elementary are ready to think different! Providing tablet stylus pens will allow them to plan, create and show what they know in innovative ways using the Dell touchscreen computers and Microsoft applications already available.
Mobile STEM Cart	Robert Kennedy	Holly Hills / Holly Ridge Elementary	These STEM resources will provide teachers with quick access to exciting Science, Technology, Engineering and Mathematics lessons all in one place! Our 3rd, 4th, and 5th-grade teachers will be able to sign out these STEM bins to easily allow integration into the school day.

Phonics Corner	Denise McKinney	Buffalo Trail Elementary	Students at the primary level in addition to students with an Individual Education Program will learn phonics skills through different hands-on activities. Students will be actively engaged in these various phonics skills 1:1 or within a small group setting.
STEAM Bins for 2nd Grade	Rebecca Boyd	Canyon Creek Elementary	Utilizing STEAM bins and the LAUNCH Cycle, over 80 second grade students will use innovative thinking to engage in creative, hands-on challenges. STEAM bins are boxes filled with engineering manipulatives such as Legos, Brain Flakes, and Magformers, paired with structure building task cards.
Educator Iniatiave Grant	Gayle Foos	Rolling Hills Elementary	Through this grant opportunity, 21 students in my class and 86 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, and more. With a focus on content-driven project-based learning and the Global Day of Design movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.

Stop. Uke. Listen.... Jam!	Don Fairchild	Rolling Hills Elementary	What do "Count On Me" by Bruno Mars, "Let it Be" by the Beatles, and "New Soul" by Yael Na'm have in common? These songs contain the four most commonly used chords in popular music, and by purchasing a set of Ukuleles for our Rolling Hills music program, students can learn to play these four chords and embark on a journey to unleash their inner rock star!
Uke Can't Stop The Beat	Carolyn Brumfiel	Arrowhead Elementary	The Ukulele is an instrument that is regaining popularity with people of all ages. Students will learn basic strumming patterns as well as chords in order to play their favorite songs.
Video Projection	Cody Lewis	Coyote Hills Elementary	This grant would be used for video and audio equipment for our school. Our innovation space now has a green screen room that Coyote Hills plans to use for video production and broadcasting.
Sound System	Allison Sinquefield	Aspen Crossing Elementary	In an innovative classroom, where two classroom teachers are teaching approximately 50 students, a sound system for the teachers and for the students to use will help increase participation and collaboration in the classroom. This sound system will not only help students to communicate, but also help students to hear presentations, videos and music to aid with their comprehension in class.

Student Magnetic Tile Letter Boards	Stephanie Plattner	Walnut Hills Elementary	I offer individual, small group and whole class instruction using the Really Great Reading Program, Blast, to help struggling readers 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.
Student Magnetic-Tile Letter Boards	Elizabeth Atkerson	Walnut Hills Elementary	I offer individual, small group and whole group instruction in my classroom, using the Really Great Reading Program, Blast to help struggling and readers master the essential reading skills to become strong and proficient readers. The goal of this grant would be to provide my students with manipulative kits that include magnetic colored tiles, letter tiles, and SyllaBoards that are used with the lessons in The Really Great Reading program.

Thinking Social and Solving Problems	Brittney Bixby	Aspen Crossing Elementary	Being able to think socially and solve problems has always been an important skill for learning both inside and outside the classroom. With this grant, students will learn critical skills that focus on being able to understand multiple perspectives, determine how one's actions impact another person's thoughts and feelings, think flexibly, practice emotional and behavioral regulation strategies, and understand how to solve problems in social situations.
2018-2019 K Team Grant	Susan Paller	Rolling Hills Elementary	Through this grant opportunity, 21 students in my class and 86 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, and more. With a focus on content-driven project-based learning and the Global Day of Design movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.
Building a Reading Life	Kristin Cowan	Walnut Hills Elementary	Students will have access to engaging graphic novels to increase fiction reading for all levels and abilities. In addition, the use of phonics manipulatives will help students build decoding skills, fluency and accuracy to improve their reading life.

Creative & flexible thinking with the use of iPads	Mary Baur	Holly Hills / Holly Ridge Elementary	The creative & flexible thinking, with the use of iPads, allows students to respond to reading & critical thinking in math. This method of creative & flexible thinking provides an opportunity for ALL students to be successful & accountable for their reading & math comprehension!
Kindergarten STEAM materials	Lindsay Rooney	Walnut Hills Elementary	Our kindergarten team wants to give students as many hands-on learning experiences as possible in the areas of science, technology, engineering, art, and math. We are looking to provide a wide variety of materials for our students to build, create, and explore with.

OPEN 24/7...Peakview TEACHER K-5 RESOURCE AREA for GT and ADVANCED student learning!	Amy Sauerbreit	Peakview Elementary	Gifted and advanced students are not only gifted during a 30 minute session per day in a pull-out gifted classroom, therefore, this grant provides supportive advanced teaching ideas and material for all our wonderful K-5 teachers in the building with advanced students to answer the question, "Where can I find supportive (new and fresh!) materials and ideas for meeting the needs of my gifted/advanced students?" This grant provides a fresh new Peakview GT book library mini resource area for teachers grades K-5 of advanced/GT students for check-out, PLC discussion, collaboration, and most importantly, meeting the ever-changing needs of our gifted and advanced students school wide!
Project Based Learning and Digital Student Portfolios with iPads	Denise Perea	Rolling Hills Elementary	Through this grant opportunity, 21 students in my class and 86 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, and more. With a focus on content-driven project-based learning and the Global Day of Design movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.

STEM Start to School (S2S)	Kira Ploeg	Heritage Elementary	The Heritage Kindergarten S2S (Stem to Start) Grant funding will be used to acquire hands-on learning resources for extension activities; exploring and integrated the areas of science, technology, engineering and math (STEM). 21st Century thinkers require early, intensive opportunities to collaborate, solve problems, discover and make real life world connections with the use of high quality STEM curriculum resources not currently available in published text books.
SHAPE Convention	Dan Phelps	Walnut Hills Elementary	I am looking for support in attending the SHAPE America Convention being held in Colorado this year. It's a rare opportunity to receive professional development for a PE teacher in our own backyard.
educator initiative grant	kerin raymond	Rolling Hills Elementary	Through this grant opportunity, 21 students in my class and 86 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, and more. With a focus on content-driven project-based learning and the Global Day of Design movement, these iPads will give students the tools they need to plan, create, and document their attempts to impact the world.

Community Based Instruction	Kristin Habegger	Willow Creek Elementary	For the purpose of Community Based Instruction (CBI), the community is defined as our school, our homes and the community in which we live, and students with developmental delays often have difficulty generalizing or transferring information. Concepts and skills that are taught in the classroom are applied and practiced in natural environments in the community through CBI.
Innovation Grant	Elizabeth Schumacher	Aspen Crossing Elementary	Picture this: your child learning in a classroom space originally designed to be two rooms, two teachers teaching approximately 50 students, in a flexible, innovative environment where students are expected to collaborate, create, and share with one another all day. Â A classroom like this one requires a sound system that enables students and teachers to communicate throughout a large space while allowing students to hear one another in smaller spaces, supports student presentations, videos, and music used to increase student engagement, and the Complete Professional PA Sound System does exactly that.

Innovation Grant: Sound System	chad blood	Aspen Crossing Elementary	Picture this: your child learning in a classroom space originally designed to be two rooms, two teachers teaching approximately 50 students, in a flexible, innovative environment where students are expected to collaborate, create, and share with one another all day. A classroom like this one requires a sound system that enables students and teachers to communicate throughout a large space while allowing students to hear one another in smaller spaces, supports student presentations, videos, and music used to increase student engagement, and the Complete Professional PA Sound System does exactly that.
Carvey Machine	Inger Moore	Homestead Elementary	We are wanting to purchase a Carvey 3-D machine that will add a woodworking/metal working/plastic working element to the STEAM and Art curriculum. This will provide students with a chance to work with different materials aligning art with STEAM.

Create!	Karen Connors	High Plains Elementary	More than 600 students will have the opportunity to invent, create, and pursue their own interests in a Makerspace. Having a space equipped with supporting materials will allow students to be engaged in student-driven activities which promote communication, invite collaboration, push critical thinking, and most of all, allow student to create, make, and show their learning in new ways.
Creating Opportunities for Rich Literature Experiences in the Classroom	Marissa Harries	Buffalo Trail Elementary	Introducing students to rich, high quality, diverse, and engaging literature, will motivate them to read, to explore our world, and to understand the educational value of reading. Students will use the new literature from the Scholastic Ready-To-Go Classroom Library this grant provides in collaborative book clubs, where the members develop comprehension through deep conversation, written responses, and project-based learning that extend their thinking beyond the pages of the book.

Learning Through Cooking	Jessica Brevik	Buffalo Trail Elementary	Cooking encompasses a wide variety of skills and allows for hands-on learning of mathematics concepts, fine and gross motor skills, literacy and language skills, as well as scientific processes. This grant will purchase necessary appliances and supplies to allow special education (ILC) students to learn and acquire these, along with fundamental life skills.
Let's Move!	Nicole Robbins	Buffalo Trail Elementary	Students will use flexible seating to increase student engagement and motivate them for optimal learning. When students are allowed choice in their environment they will be more invested in learning alongside their classmates.

Classroom Sound System	Kari Karr	Aspen Crossing Elementary	Picture this: your child learning in a classroom space originally designed to be two rooms, two teachers teaching 48 students, in a flexible, innovative environment where students are expected to collaborate, create, and share with one another all day. A classroom like this one requires a sound system that enables students and teachers to communicate throughout a large space while allowing students to hear one another in smaller spaces, supports student presentations, videos, and music used to increase student engagement, and the Complete Professional PA Sound System does exactly that.
Behavior Development Program Social Outing	Jennifer Buxton	Black Forest Hills Elementary	The students within my Behavior Development program have personal IEP goals pertaining to social-emotional development and support which is practiced and taught throughout the school and classroom settings daily. A school outing or field trip provides an opportunity for the students to practice the acquired daily social-emotional skills learned in the school setting within the local community setting.

Digital access for French flipped classroom	Jennifer Polland	West Middle School	French students at West Middle School will have access to digital content. This allows students to differentiate activities that will best help them learn, practice and expand their French language skills.
A More Flexible Classroom	Chelsea Willman	Horizon Community Middle School	Having four co-taught classes, I am constantly looking for ways to better my classroom for all students. I want to provide flexible grouping arrangements, as well as classroom aids to best serve small group spaces, as well as whole class instruction spaces.
Educator Initiative Grant	Erica Wilkins	Horizon Community Middle School	Innovation spaces for students promotes science, technology, and engineering practices and skills for students in the 21st century. Students will engage in scientific concepts via problem based learning through Next Generation Science Standards such as design, observation, and investigation while supporting their critical thinking.

Flexible Seating to Increase Student Engagement	Danielle Schafer	Fox Ridge Middle School	Differentiated work, assessments, style of teaching, etc. are all common in the classroom, but differentiating the physical environment to meet student needs is not as common. Flexible seating provides students, not only with a physically differentiated work environment, but it also empowers them with choice, enables them to increase their day to day engagement in the classroom, and provides them with the opportunity to discover more about their own learning needs.
ILC Hosted Restaurant	Alayna Festi	Thunder Ridge Middle School	Thunder Ridge Middle School ILC students will host a restaurant for teachers, parents, and community members in the fall and spring. These students will create the menu, call local shops for donations, plan and make the food, design the artwork to display, interview for positions, take reservations, prepare advertisement, work their shifts, and provide customer service to those who attend the restaurant.
ILC in the Community	Khali Johnson	Laredo Middle School	This grant will fund outings into the community for students in the ILC program. These outings will allow students to practice functional skills, such as ordering from a menu, paying for tickets, and reading community safety signs, in various environments.

Increasing Wind Power Through Design	Pat Dickerson	Falcon Creek Middle School	Sixth grade students will learn about renewable natural resources including wind power during our natural resources unit. Students will build an analog wind turbine and test their blade designs once the turbine is converted to a digital turbine.
Raspberry Pi Programmable Boards	Sean Rastsmith	Liberty Middle School	Raspberry Pi's allow students hands-on experience with programmable circuit boards and allow them to customize their operating experience. Students will be able to program in Scratch, create remote monitoring devices, and have real-world wiring experience.
Shaking Up STEM	Janice Noll	Infinity Middle School	Student engineers will build a transverse wave model that simulates how seismic waves move through the Earth's crust. Seismographs will be constructed using Arduino devices and Excel to show how scientists visualize earthquake data and explore modern engineering techniques used to mitigate earthquake damage.
Spheros for STEM	Kirk Wahlborg	Falcon Creek Middle School	With the creation of Sphero robots, they now have created a robot called Sphero SPRK+ that goes beyond coding. New innovative lessons/ activities will keep students engaged in their learning for

Using Computational Thinking to Understand Earthquakes	Pat Dickerson	Falcon Creek Middle School	Sixth grade students study earthquake waves and the effect of these waves on buildings during their Dynamic Earth unit. Students use their seismograph and shake table to visually view seismic activity and determine how engineers mitigate these waves in the design of a building.
Active Enzymes	Rhonda Saxton	Campus Middle School	The 6th grade Cells and Human Body units come to life as students engage in the real work of medical professionals. Students learn about anatomy and physiology as they perform tasks such as scanning tissue samples for illness, discovering the source of an outbreak, and using a stethoscope to identify different heart sounds.
Community Based Opportunities that Allow for the interconnectedness between home, school and community.	Stefani Call	Sky Vista Middle School	The Autism program at Sky Vista is a community-based instructional program. This program 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 every day functional life skills needed to participate in home, school, and community settings.

Mind + Body = Brain Power	Rebecca Dayton	Falcon Creek Middle School	Teaching students about mindfulness (moments of calm, self-awareness, refocusing energy, identifying feelings, letting go of negative thoughts, etc.) and giving them tools to focus the energy of their bodies will lead to calmer students who are ready to learn. Students will learn strategies of mindfulness and be given the tools they need to enhance their mental and emotional capacity to be successful in the classroom.
Chromebooks for Accomodations	Lesley Lance	Laredo Middle School	This proposal is to support a new initiative I am hoping to implement in my classroom. My classroom is in need of 8 chromebooks to help support students with disabilities so they can have access to their accommodations and modifications from the general education curriculum.
Community Skills for ILC Students	Andrea Kaszubowski	Fox Ridge Middle School	Students will practice their community etiquette skills in a formal setting when attending a community play and enjoying lunch at a nice restaurant. Students will learn behind the scenes jobs and requirements for a play production.

Ear Buds	Barb Nesbett	West Middle School	Students will be provided with ear buds to encourage more regular use of the Google Read Write application to increase their reading comprehension skills. Some students do not have their own earbuds and are reluctant to use headphones which make them more conspicuous.
3D Printer	John Foyle	Prairie Middle School	Prairie Middle School Technology students will continue to have the opportunity to interact with additional 3D printing technology to support their learning and their activities within the technology classroom and 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	Ian LaFarge	Prairie Middle School	Prairie Middle School Technology students will continue to have the opportunity to interact with additional 3D printing technology to support their learning and their activities within the technology classroom and 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.
Interactive Classroom	Katelin Kidd	Thunder Ridge Middle School	Designing an interactive classroom with the use of yoga balls and floor model stationary bicycles, in place of traditional furniture assists in creating a flexible learning space that promotes collaboration. Furthermore, these items help reduce attention issues, stimulate both sides of the brain, and promote better posture.
Genome Sequencing in Microbiology	Dustin Neel	Cherry Creek High School	Wouldn't it be awesome if high school students could sequence the genomes of organisms that they couldn't see with the naked eye? How would this change the trajectory of biology students at Cherry Creek High School?

Jurassic Virtual Reality at the DMNS	Dan Cornell	Smoky Hill High School	The Denver Museum of Nature and Science (DMNS) has thousands artifacts, most are locked up in the warehouse, and the students at Smoky Hill High School want to bring these old fossils to life with animations and interactive models. Our goal is to provide students with skills to create accurate interactive 3D models to be used in public displays at the museum.
Using a Marble-Powered Computer to Teach the Deeper Fundamentals of a Computer	Jocelyn Nguyen-Reed	CCIC	With Turing Tumble, a marble-powered computer game, students learn how â€œa bunch of simple switches, connected together in clever ways, can do incredibly smart things.â€ (Turing Tumble, 2018, n.p.). This computer, that contains no electronic parts, helps students learn the logic behind how a computer works while exercising their problem solving skills and having a lot of fun.
Mindfulness in Cherry Creek Schools	Richard Gindele	Cherry Creek High School	Mindfulness in Cherry Creek Schools, will improve focus, attention, academic achievement, and emotional stability for my approximately 300 students per year, Long range goals for this grant will incorporate additional training to complete the Mindfulness Teacher Certification Program, which will allow me to train teachers in mindfulness throughout the Cherry Creek School District.

Let the Sunshine In: The Dawning of the Age of Solar Chargers	Jennifer Radosevich	Smoky Hill High School	Move over, Tesla, Smoky Hill is on it! We will harness the solar power of the sun to charge our electronics and built a battery to store the power!
Chemistry with Cars: Engine Gas Analysis	Brian Manley	CCIC	Students will gather and analyze real-world vehicle engine tailpipe emissions using a 5 gas analyzer. This prepares students with the skills to become diagnostic automobile technicians, and also acts to bridge a potential disconnect between their traditional chemistry & math classes, and real-world application.
Assisted Technology for the Physical Therapy and Occupational Aide classroom	Elisa Reid	CCIC	This grant will be used to increase student understanding and development of a physical therapy and occupational therapy (PT/OT) home exercise program (s) utilizing technology as a learning modality .
Assistive technology in Aviation Maintenance	David Williamson	CCIC	This grant will be used to purchase two borescopes, allowing video observation of all internal aircraft construction. These will be used to increase student engagement and foster growth in understanding of aircraft construction, inspection process, and engine and control components.

Capturing culinary masterpieces using iPad technology	Audra Dunleavy	CCIC	This grant will be used to increase student engagement in the culinary classroom through the use of technology. This ipad technology will give students the opportunity to produce high-quality food photography and cooking videos in order to create digital professional portfolios where they can self-assess, market their skills, and document their learning.
Introduction to Virtual Reality	Paul Clinton	CCIC	This grant will be used to help introduce Virtual Reality (VR) into the STEAM curriculum at the Cherry Creek Innovation Campus (CCIC). VR is an ever-evolving technology that is being used in more and more industries outside of gaming.
Challenge Neurolabs: Exploring Neuroscience and the Brain/ Body Connection!	John Wiley	Challenge School	Students will develop and perform experiments focused on neuroscience using a simple computer interface to see and measure how cells signal each other. Experiments include working with invertebrates and people while they measure and manipulate neuron signals.

One Last Word: Harlem Renaissance Art Integration	Rachael Kessler	Challenge School	The Challenge School fosters learning through interdisciplinary subjects, and has as an important part of the Humanities Curriculum, integration with the arts. Within the study of Harlem Renaissance, students apply what they have learned in humanities (social studies/ language arts) to a hands-on art experience which solidifies and helps assimilate information in a concrete way, producing a final work of art and poetry.
Wind, Water, and Sun- Lotâ€™s of Fun!	Tracy Voreis	Challenge School	Students will build model windmills, water wheels, and shuttle rides. They will use the windmills, water wheels, and solar panels to power the shuttle rides and explore variables that affect the efficiency of renewable energy sources.
Drawing Tablets for Engineering and Architecture	Ben Nuebel	Cherokee Trail High School	The CT Engineering Technologies Department would like Digital Drawing Tablets to interface with our existing computers. This will allow our engineering and architecture studentâ€™s to experience cutting edge interface tools for computer aided design.

Mobile Observatory (MESO)	Jessica Olsen	Cherry Creek High School	The Mobile Earth and Space Observatory (MESO) will deploy for 1 week at Cherry Creek High School to engage students in hands-on science through telescope observation, infrared camera experiments, spectroscopy and other stimulating activities. Once some CCHS students are trained on the equipment, Campus Middle School students will invited to participate with CCHS students leading them in the activities. MESO's website: http://www.gomeso.org/
STEM Through Coding for ILC Students	Garrett Ostedgaard	Cherry Creek High School	Through play, creativity is sparked in children. Dot and Dash (with their ability to be easily adapted for students with cognitive disabilities) will help inspire within our students spatial and cognitive awareness while helping them develop problem solving skills.
Thinking Outside the Page: 3D Printer	Keith Harrison	Cherry Creek High School	In today's world, computer aided design and 3-D printing are becoming essential technologies in STEM related fields. This grant would go toward a 3-D printer, helping more than 100 students at Cherry Creek High School acquire the technological skills of the future.

Induction Through Mindfulness	Nathan Konyndyk	Endeavor Academy	Adolescent participants will learn mindfulness practices that can help in learning and social emotional challenges. Practices include, yoga, nutrition, metacognition, physiology, psychology, meditation and kinesiology.
Twenty-first Century Science Notebooks	Teresa Mohrhaus	Options School	Biology students will test the use Dell Active Stylus Pens and Windows Ink to create science notebook entries that are highly interactive and integrate with other technology tools, such as probeware and graphing apps. As they gain competence in the use of the technology, I will expand its use to middle school science classes and demonstrate its capabilities to teachers in other subject areas.
Vocabulary Enrichment	Kelly Landen	Overland High School	Utilize vocabulary.com, a comprehensive website, that helps students master new words, track progress, prepare for the ACT and SAT, and participate in whole class challenges. Educators and students have access to thousands of lists, created by previous educators, and teachers can also input any type of list for any content area.

Making Space for Learning	Amanda Biles	Options School	This grant will put STEM kits and tools into the hands of students in Robotics and MakerSpace classes. Students in grades 3-5 will have the opportunity to use age appropriate items and have enough materials to participate in learning.
comprehensible input materials	Julia Byers	Eaglecrest High School	This grant will be used to increase the relevancy of the Latin language in the lives of modern students. Students will see how Latin can be used in conversation and will learn the language organically through a focus on conversation and reading stories.
English Tutor Center Resources	Keith Proctor	Eaglecrest High School	This grant will be used to purchase books for our new English Tutoring Center. The tutoring center supports 9th graders success by focusing on skill development and grade support; upperclassmen tutor and support the 9th graders one-on-one.
Flexible Seating	Stephanie Swenson	Eaglecrest High School	New desks that create usable classroom space for student actors.

Statistical Process Control And Quality In CNC Manufacturing	Ross Ericson	CCIC	Students knowing and understanding how to use industry supported measuring tools such as Starrett Precision Dial Calipers is critical for a successful transition into careers in Advanced Manufacturing. Providing students access to and experience with these precision measurement tools and data collection systems will help develop a foundation for success in the high-tech workforce of manufacturing and machining.
Educator Initiative Grant	Kathryn Allshouse	Options School	Robotics and programming will be used to solve problems in both the physical and virtual worlds by combining block programming and text-based programming with building and a virtual environment. Authentic problems will use engineering design and improve critical thinking skills.
Nearpod- Student Engagement	Mike Corrado	Smoky Hill High School	The grant seeks to increase student engagement in content and concepts via Nearpod technology. Using this software students can engage course material and be formatively assessed on it in real time.
Throw a Pot with a 3D Bot--Printing in Clay	Jennifer Radosevich	Smoky Hill High School	Using a clay 3D printer, we will create functional art with input from student artists, students in ILC and student mathematicians. What can happen when art and technology merge?

GoBabyGo Early Power Mobility	Christy Hupka	Other (District Wide Program)	The GoBabyGo program provides students in preschool and kindergarten, that are not able to walk by themselves, access to a power car to move with more independence around the school environment. Access to independent mobility allows students with special needs to more easily interact with their peers.
Breaking It Down	Jennifer Finger	Other (District Wide Program)	Breaking It Down is an opportunity for high school students attending the I-team Estate 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 healthy risk taking, self-control, distress tolerance, and mindfulness.
Believe It Or Not: I'm Writing on Air	Jennifer Radosevich	Smoky Hill High School	How does 3D printing change when you can write "in air" with a printing pen? 3D pens help students from multiple disciplines and ability levels create in 3D to help grasp concepts in spatial design and awareness.

Augmented Reality: Bringing Dinosaurs to Life	Dan Cornell	Smoky Hill High School	Students will scan and rebuild dinosaur skeletons and then create interactive augmented reality animations that could be displayed at the Denver Museum of Nature and Science (DMNS). Visitors to the museum will be able to look through their phone and see dinosaurs running throughout the museum.
Feedback Loops for Auto Technology	Craig Capraro	Smoky Hill High School	Students will use microcontrollers to develop strong understanding of the relationships between sensors, programming, and outputs by creating systems that mimic those found on modern vehicles. In an increasingly technologically driven industry, this will give them a work advantage over technicians without this knowledge.