



Mt. Evans BOCES

Clear Creek RE1 - Gilpin RE1- Platte Canyon #1 Clear Creek RE1 - Gilpin RE1- Platte Canyon #1

Strong Partnerships Ensuring Success for Exceptional Students **Quarter 3 2018 Gifted and Talented Newsletter**

Gifted and Talented Staff

The gifted and talented staff for the Mt. Evans BOCES and its member districts are:

Mt. Evans BOCES Assistant Director
Rebecca Odegard-Siegele
rodegardsiegele@mtevansboces.com

Clear Creek School District: King Murphy/Carlson Elementary Schools and Clear Creek Middle/High Schools
Heidi Lupinacci
heidi.lupinacci@ccsdre1.org
303-679-4617

Clear Creek School District: Georgetown Community School-
Rebecca Odegard-Siegele
rodegardsiegele@mtevansboces.com

Gilpin County School District Gifted Coordinator
Sunshine Vincent-svincent@gilpin.k12.co.us
303-582-3444, ext. 3148

Platte Canyon School District Gifted Coordinator-Stephanie
Sierzputowki-ssierzputowski@pcsd12.org
303-838-4888 ext. 1241

Learning to be a Durable Person

Last summer, the gifted team met to develop an affective needs curriculum for our gifted and talented students, 2nd-3rd, 4th-8th, and 9th-12th. The purpose is to provide activities to allow gifted and talented children to explore their own giftedness, expand and develop social and leadership skills, and acquire strategies and tools for handling stress, anger, and perfectionist tendencies. For secondary students, an added emphasis is on leadership and college and career ready skills. Students may

meet once a week, twice a month, or once a month depending on each district's schedule.

One resource that is being use is *Learning to be a Durable Person*, written by Dr. Mary Hennenfent, Ed.D.

The essential understandings of this resource are:

- People perceive and understand giftedness differently.
- Choosing a future career based on information about one's multiple intelligences may assist in choosing a career that is a fit for them.
- Having the traits of creativity, courage, kindness and the ability to set goals leads to a successful life.
- Learning about teasing can help develop skills to deal with teasing towards you and others.
- Stress is all around us. Having tools to deal with stress will assist you in handling stress that comes your way
- Making and Keeping friends may help reduce stress.
- Emotions make up who we are. Learning how to deal with anger will give you choices on your actions.
- No one is perfect.

(Hennenfent, M. *Learning to be a Durable Person*. pps 6-7. 2008. Prufrock Press, U.S.A.).

Recently, a group of students at Gilpin Elementary School participated in a lesson, WhatsIts? The ensuring understanding for the activity was: Having the traits of creativity, courage, kindness and the ability to set goals leads to a successful life.

Students were placed in teams and competed against each other to build a WhatsIt without speaking to team members. This activity was designed to have the kids experience cooperation and a bit of stress



Upcoming Event!



Come and be inspired by women in science! The Denver Museum of Nature & Science and CBS4 are excited to host Girls & Science on Saturday, March 3, 2018. Girls & Science is a creative spin on the traditional career fair. Girls will get to meet women in STEAM (science, technology, engineering, arts and mathematics) professions to learn what they do, who they are and what inspires them through hands-on activities and conversations. CBS4 and the Denver Museum of Nature & Science hope meeting these STEAM professionals will encourage young women to discover an interest in STEAM related educational and career opportunities.

Girls & Science will take place from 9:00am to 5:00pm and is located throughout the Denver Museum of Nature & Science. All ages are welcome. Adult tickets are included with the **price** of a general admission ticket to the Denver Museum of Nature & Science, and there is a special CBS-\$4 ticket for children 2-18 years of age.

2nd Grade Screening with the Cognitive Abilities Test

As outlined by the Colorado Department of Education, the districts within the Mount Evans BOCES, Clear Creek School District, Gilpin County School District, and Platte Canyon School District, conduct a universal grade level screening with the 2nd grade using the Cognitive Abilities Test (CogAT). This year the test will be administered via an online platform. Students will be using the available district technology/devices to complete the three sections of the assessment. Each student's classroom teacher will receive the online administration training and will administer the

assessment.

This test measures general thinking and problem-solving skills that students have learned through in-school and out-of-school experiences and indicates how well students can use these skills to solve verbal, quantitative, and non-verbal problems. It does not measure student achievement. The CogAT is a standardized test, therefore, the tests will not be sent home. Results will be sent home within one week of the test. Students currently identified as gifted and talented who previously took the CogAT in 1st grade will not take it again.

If you have questions about the CogAT, please contact your district's gifted education coordinator.

Each district's testing schedule is:

Gilpin County School District: The CogAT assessment has been administered to Gilpin Elementary 2nd graders. The students took the paper copy which have been sent to Riverside Publishing and will arrive within a few weeks.

Clear Creek School District: March 5th, 6th, and 7th

Georgetown Community School: The CogAT was administered the week of February 20, 2018.

Platte Canyon School District: February 28, March 1st, March 5th

SUMMER OPPORTUNITIES!

CU Science Discovery



CU Science Discovery offers a variety of hands-on STEAM (science, technology, engineering, art and math) camps and high school classes for students ages 5-18.

All summer camps feature:

- Hands-on activities that are engaging and informative
- Opportunities to explore CU science
- Fun and exciting topics representing a range of STEAM disciplines
- Enthusiastic, knowledgeable, and experienced instructors, including CU faculty, graduate and undergraduate scientists
- University equipment, laboratories and resources

New Camps in 2018 Include:

- All Day Science Fun Options for Ages 6-8
- Coding Adventures with Dot and Dash: Animal Rescue Mission
- Designing with Empathy
- Get Moving at the CU Boulder Rec Center!
- Intro to Coding with Apple Swift
- Paper Engineering: Handmade Animations
- Specdrums: Turning Color Into Sound
- VetMed

High School Classes

Science Discovery offers intensive week-long summer classes for high school students. These classes provide unique opportunities for older students to work in CU laboratories, interact with CU scientists, and explore STEAM careers.

Our summer 2018 High School classes include:

- Aerospace Engineering
- Air Car Engineering
- Biomedical Research Bootcamp
- Castle Ballistics
- Forensic Science
- From Poisons to Potions: The Science of Toxicology and Pharmacology
- Geochemistry: Understanding Climate Change
- Girls in STEM Maker Space: RedBot Robotics
- Maker Space: RedBot Robotics
- Medical Student Experience

- Meteorology
- Microbes: Pathogens and Protectors
- Microbiology
- Mission to the Edge of Space
- Mountain Research Experience
- Remote Sensing
- We Share Solar: Creating Solutions for the Developing World.

Registration

CU Science Discovery offers quick and easy online registration with immediate email confirmation. You may also register for summer camps over the phone, in person, or by mail. Please visit our [Registration Information page](#) for more details.



UNC Greeley Summer Enrichment

2018 marks the 41st year of the [Summer Enrichment Program \(SEP\)](#) serving children and youth who are gifted, talented, and/or creative in a supportive academic and social setting. Designed for students entering 5th grade through 10th grade, this residential program offers high interest, hands-on, brains-on courses developed by specialists in gifted education and/or in specialized content areas. On the day they arrive, students select courses for their two week session. Courses meet daily during four 75 minute periods. After classes are done for the day participants choose a variety of "options" varying from active sports and recreation, craft activities and time to visit with new and old friends. Students come to SEP from around 25 states, provinces and foreign countries. Dorm counselors who are college age and older supervise students during all hours that the students are not in class

SEP is a two-week residential program at the

University of Northern Colorado consisting of high-interest, hands-on, brains-on courses for gifted, talented, and creative students entering grades 5 through 10. Courses are developed by specialists in gifted education and/or in specialized content areas as part of the university's Center for the Education and Study of Gifted, Talented, Creative Learners. Curriculum is developed and differentiated according to basic principles of gifted education, providing a unique opportunity for enrichment not ordinarily possible in regular classrooms.

- Carlson students read, discussed, and analyzed the book A Wrinkle in Time by Madeline L'Engle



District Gifted Programming

Clear Creek School District:

This month Clear Creek's gifted and talented, challenge, and enrichment students have been actively experiencing the world around them and learning yet again! Some of the highlights from this month were:

- Student-led and parent-teacher conferences where students and teachers updated parents on the progress made so far this year
- As a way to introduce the concepts of scientific notation and scale to students, Mrs. Unrath's 4th grade class at King-Murphy scaled down the solar system in King-Murphy's driveway
- The 3rd -6th affective needs and challenge groups at Carlson also learned about scientific notation, large numbers, and the base ten system.
- 13 Clear Creek High School students and 4 teachers visited Denver's Capitol for Legislative Day. They were able to view the legislative process in action and were able to hear a good deal of discussion on a variety of current legislation
- the CCMS/HS Science Olympiad Team went to the Regional Science Olympiad Competition in Fort Collins and earned enough points to qualify for the state competition on 4/21

- Carlson's enrichment students worked hard to prepare for and tape their Super School News report. Be on the lookout for our airing window
- The King-Murphy Enrichment group delve into a variety of engineering and building concepts by building roller coasters and a variety of other gadgets and gizmos.
- Professional development courses for teachers- Differentiation for the Gifted Learner and Raising Thinking Skills- are set up and will begin 3/5.

Whew, the gifted education realm has certainly have been up to a lot in Clear Creek this month! Keep an out for more information about upcoming spring and summer events like Math Olympics, the Middle School Games Competition, Maker Space March at Enrichment, and additional field trip and enrichment opportunities.

Gilpin County School District:

The Colorado Regional Science Bowl

The Colorado Regional Science Bowl was February 3, 2018 at Mountain View High School. There were 24 teams competing: Woodrow Wilson Charter Academy (2 teams), Webber Middle School (3 teams), Ridgeview Classical Charter Schools (2 teams), Poudre School District Global Academy (2 teams), Leshar Middle School (2 teams), Excel Academy Charter School (2 teams), Kinard Core Knowledge Middle School (2 teams), Liberty Common Charter School (2 teams), Preston Middle School (3 teams), Windsor Middle School (2 teams), Severance Middle School, and Gilpin County Middle School.

Our team from Gilpin consisted of Sahsa Sonsino, Aucklynn Sacco, Jordanna Gagnon, and Anna Thomason. Halle Yocom came with us as our manager. Jim Larson provided our team with support. Two of our team members this year are 7th graders and two are 6th graders. We did not have an alternate. Out of all of our matches we only came across one other team member from 6th grade, so our team is very young. We played 6 matches and won one of them. We were thrilled to win one!

Gilpin had a very large support of parents who came to watch. It definitely isn't like a sporting event - no shouting or cheering. In fact, there isn't any noise, electronic devices, or note-taking allowed by any of the spectators during the matches. The participants are focused the entire time on the fast-paced and difficult questions from the following categories: physical science, earth & space science, life science, energy, and math. Participants buzz in when they know the answer and can earn the opportunity for a bonus question for their team. Strict rules are followed and point penalties given for not adhering to them. Our first match started at 8:15 and our last match ended at 11:45. Matches lasted 30 minutes and we had a short break between them to get to the next match. Our team was exhausted by the end of the morning, and before heading back home we celebrated with ice cream treats compliments of Mr. and Mrs. Gagnon.



Platte Canyon School District:

Fifth grade students at Deer Creek Elementary have been engaged in math activities and discussions related to the environment and percentages. Students were introduced to percent of increase and percent of decrease through a hands-on activity where they predicted if water and oil would mix, if water and dish soap would mix, and if water, oil AND dish soap would mix. The experiment was then conducted and students were engaged in discussion about what they saw before relating it to our math lesson.

Students in second grade at Deer Creek Elementary school have been digging into Primary Education Thinking Skills (P.E.T.S.) lessons on Thursday mornings. Students are excited to have a guest come into their classroom and they have been very engaged in the lessons. These lessons are first thing in the morning and it helps get the kiddos ready to start their day!

High school students now have a Google Classroom where they can go and access a variety of different resources for different things such as: Opportunities, Growth Mindset, Stress Management, College Preparation, etc. Students at Platte Canyon High School voted to have a Google Classroom to communicate rather than meet face-to-face as many are involved in many extracurricular activities. Students can use this platform as a way to reach out to their peers enrolled in Gifted Education as well as their Gifted Education Coordinator.