



STATE OF OUR SCHOOL

FEBRUARY 1, 2023 | SCHOOL COMMUNITY FORUM



STEM SCHOOL
HIGHLANDS RANCH



BOARD OF DIRECTORS

KELLY REYNA, BOARD PRESIDENT



BOARD OF DIRECTORS

STEM School Highlands Ranch is a self-governed charter school authorized by DCSD. Our Board of Directors is comprised of community members and parents who work together to set the school's policies and maintain the mission and vision for the school.

- **STEM Board of Directors is comprised of nine volunteer members.**

- Three Class A Parent Member seats: Annual community election held to elect one new member each spring to fill a 3 year term.
- Six Class B Community Member seats: Community members are selected by current Board Directors and voted in for a 3 year term.

- **STEM Board of Directors Role and Purpose.**

- Provides oversight of the Chief Innovation Officer, who implements the policies set forth by the Board.
- Provides support and direction of STEM's long-term vision and mission of Never Stop Innovating.
- Active in making sure that STEM remains in compliance with all DCSD, State and Federal regulations, as well as STEM's Charter Contract.



Kelly Reyna
President
Class A Member



Carla Gustafson
Vice President
Class B Member



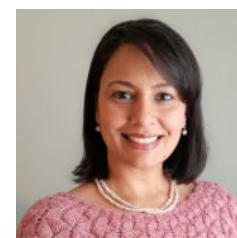
Nicole Smith
Treasurer
Class B Member



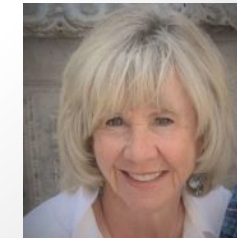
Michelle Horne
Secretary
Class A Member



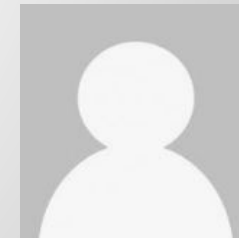
Rudy Lukez
Director
Class B Member



Ishmeet Kalra
Director
Class B Member



Linda Davison
Director
Class B Member



Parent Vacancy
Director
Class A Member



Community Vacancy
Director
Class B Member



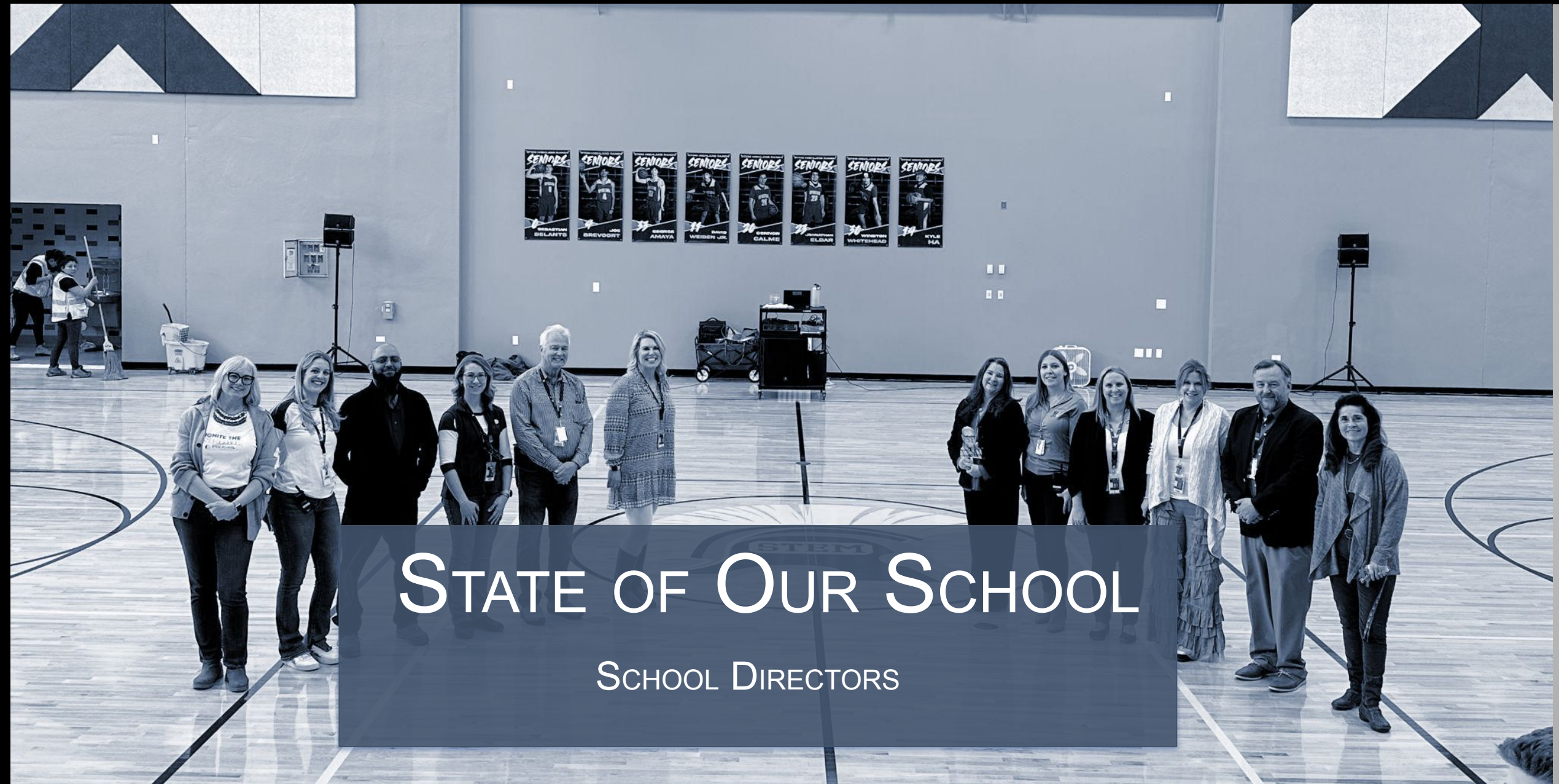
Goals and Achievements

- Renovations to the P-TECH Building completed Spring '22
- New CHSAA Gymnasium and Building Renovation completion
- Adoption of Web-based Board management program
- Board Policy Document - Review and Updates
 - Updated/Issued - 9 Policies
 - In Progress - 5 Policies
- Innovating School Security
 - Received Financial Grant from Douglas County Commissioners office
 - Pilot Evolv screening system starting Spring/Fall '23



Goals and Achievements

- KOSON Schools Chief Innovation Officer (CIO) Search
 - Defined CIO Role and Responsibilities
 - Actively recruiting - interview process started Jan 31st
 - Goal to name new CIO in late Feb/early March
- Strong efforts to engage the community, parents, and students
 - Video interviews with directors
 - Actively recruiting for open Community member vacancy
 - Early communication about Parent member election (April/May)
- Continued focus on strengthening opportunities to grow the KOSON Schools network



STATE OF OUR SCHOOL

SCHOOL DIRECTORS



2020-21 Highlights

- TIME Magazine's first Kid of the Year recipient, Gitanjali Rao (January 2021)
- Ranked No. 10 (of 497 schools) among Colorado High Schools by US News and World Report (May 2021)
- Elementary School ranked No. 1 out of 60 public schools, Middle School ranked No. 1 out of 23 public schools and High School was ranked No. 1 out of three charter schools in DCSD by Niche.
- Two students named National Merit Scholarship recipients.
- Tyler Wright named National Cyber Scholar.
- STEM place third at the Jacob's Innovation Challenge Award.
- Ian Boraks honored as a Rensselaer Polytechnic Institute Medalist.
- Gitanjali Rao named 2021 Prudential Spirit of Community National Honoree and a 30 Under 30 by National Alliance for Public Charter Schools.
- Eric Fiechtner earned Summer NASA internship with the Mars Exploration Team Project.
- Connor Railsback announced as Daniels Scholarship Recipient.
- 110 Senior Graduates were accepted to college at the end of the 2020 school year. (98% applied and accepted to college)

2021-22 Highlights so far

- Highest overall SAT scores within Douglas County Schools and 7th highest scores in the state (2021)



ELEMENTARY SUCCESSES

- Teachers:
 - Successful rollout of the Benchmark Workshop Curriculum for literacy
 - Continued PLC and PBL planning time with support of the teacher support team, Carissa Elliott and Mackenzie Harper
 - Successful 1st semester with Mastery Connect and SBL
- Students:
 - Demonstrated growth in iReady scores from August to December especially in reading
 - Continued learning of problem solving and conflict resolution skills with support of our dean, Jessica Manzanares
 - Continued improvements in behavior expectations and Spartan Character Values

ELEMENTARY GOALS:

- Increased social emotional and mental health support for our students from our social worker, Libby Rivera
- Increased teacher feedback through the evaluation system to promotes professional growth



MIDDLE SCHOOL - MAURA RIDDER

- MS is fully staffed with a brilliant, talented group of teachers and team members who are raising the bar for our extraordinary students
- Staff meets weekly for PD and PLC work
- Commitment to PBL, SBL, MTSS; Office Hours; Clubs; Department Meetings; SEL
- Weekly Staff Newsletter: *The Secondary Scoop*
- Bi-monthly parent letter from Mrs. Ridder
- Staff Evaluation System focuses on support and growth: informal walkthroughs and one to two formal evaluations per year.
- Field Trips: 6th grade - Keystone; 7th grade - Sea Camp; 8th grade - Boston
- Events:
 - Cyberpatriot: Students find and fix cybersecurity vulnerabilities in virtual operating systems. Using a proprietary competition system, teams are scored on how secure they make the system. Top teams have advanced through the online round of competition, and the best of the best advance to the in-person National Finals Competition.
 - Best Robotics: MS won 5th place overall (defeating 3 high school teams)
 - TSA - State Competition at the end of February
 - Student Government - Dances, Spirit Weeks, movie nights, fundraisers
 - Theatre: Monthly Improv/Comedy Sketch Nights; Thescon December 2-4; Fall play - Little Women; Winter Play - Jungle Book Spring musical - Little Mermaid
 - Spelling Bee, Brain Bowl

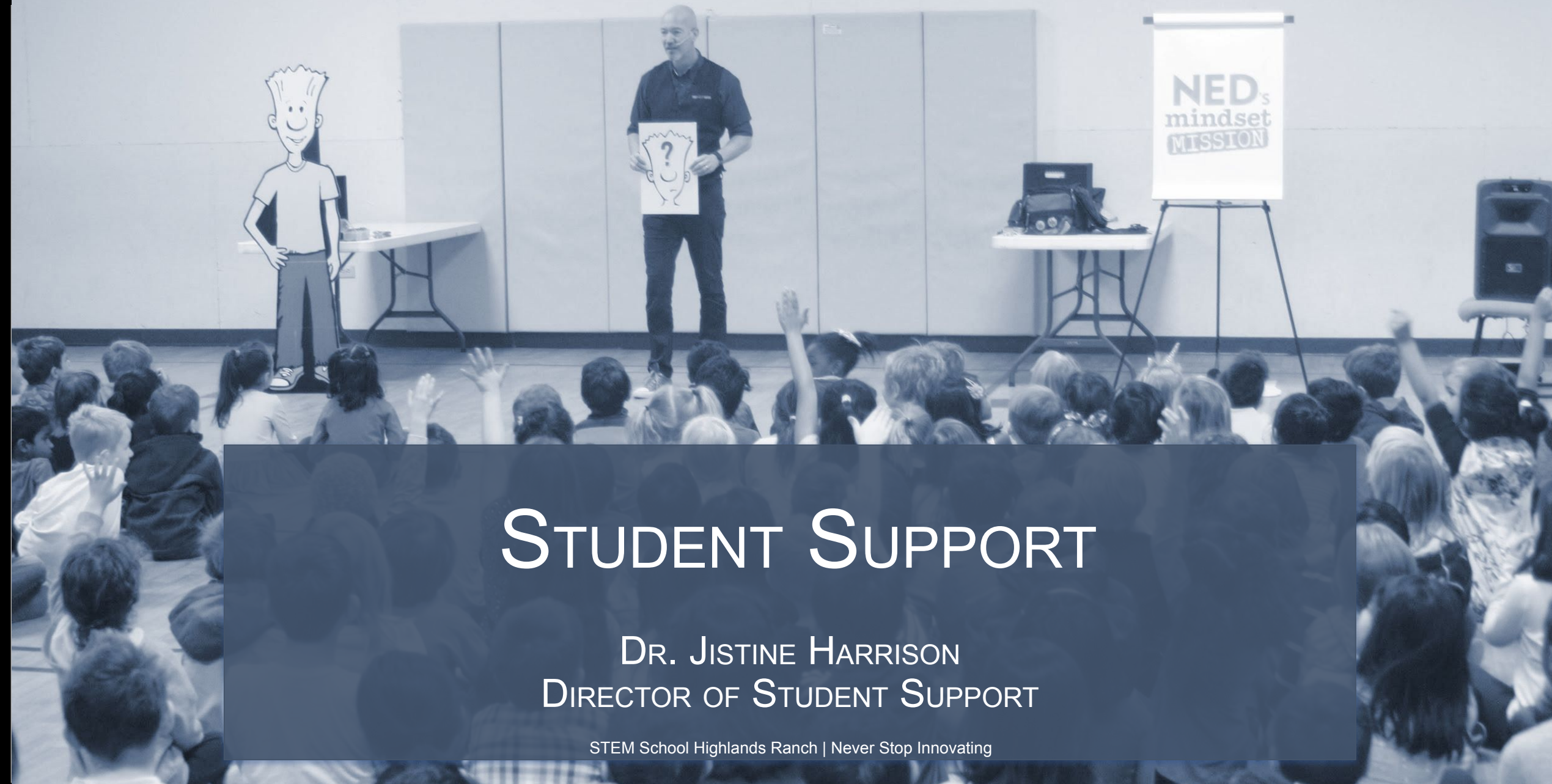


- The High School is fully staffed with robust course offerings for all of our students.
- Implemented Standards Based Learning for our grade level courses.
- High quality Problem-Based Learning and a commitment to Social-Emotional Learning
- High academic standards and intellectual rigor
- Equally high social emotional support and rigorous character development.
 - Growing student leadership
 - PBL driven curriculum
- We view every student as having infinite potential and will support them to achieve their absolute best.



- This is our first year as a CHSAA school.
- We are competing in the Confluence League for the majority of our sports, and in the Foothills League for Track and Field.
- We currently offer 9 sports and anticipate adding more.
- This year, our boys Cross Country team became the first STEM athletic team to qualify for state!





STUDENT SUPPORT

DR. JISTINE HARRISON
DIRECTOR OF STUDENT SUPPORT

STEM School Highlands Ranch | Never Stop Innovating



STUDENT SUPPORT STAFF: THIS IS WHO WE ARE

Psychologists	Matthew Whitehurst (K-12 Contractor)
Social Worker	Libby Rivera (K-5) Katie Bouchard (6-12)
Counselors	VACANT (6-8) A-L Lisa Clay (6-8) M-Z Colene Brichfield (9-12) A-L Michael Link (9-12) M-Z Kelli Myrick (College/Career)
Counseling Support Staff	Julie Fletcher, Counseling Assistant Nicole Ryan, Post Graduate Assistant
All-Health Therapist	Kathleen Shook (part-time)

12

Professions

28

Professionals

STEM School Highlands Ranch | Never Stop Innovating



STUDENT SUPPORT STAFF: THIS IS WHO WE ARE

Learning Support Specialists	Kaeli Sandhoff (K-12 IEP Case Mgr) Shannon Green (K-5) Mackenzie Campbell (6-8) Becky Hathaway (9-12) Rocki Sugrue (9-12) Tracy Grove (K-12)
Speech Language Pathologists	Rebekah Stoller (K-5) Sue Thompson (K-5) Marcie McNeill (6-12 Contractor)
Occupational Therapists	Sharon Groeling (K-12)
LSS EAs	Stephanie Rapp-Legrand (K-5), Srivandana Kilambi (6-12) Kelly Padilla (6-12)
English Language Development (ELD)	Lisa Summer (K-12) Nicole Tellez (K-12)
Gifted Talented Coordinator/PBL Specialist	Jon Jennings (K-12)
MTSS Coordinator	STEM School Highlands Ranch Never Stop Innovating Karen Cook (K-12)

12

Professions

28

Professionals



Who we are:

- Special Education
- Section 504
- English Language Development
- Gifted & Talented
- Multi-Tiered System of Supports (MTSS)
- Counseling

Mental Health

- social/emotional, academic, college/career support and intervention
- student safety assessments and intervention

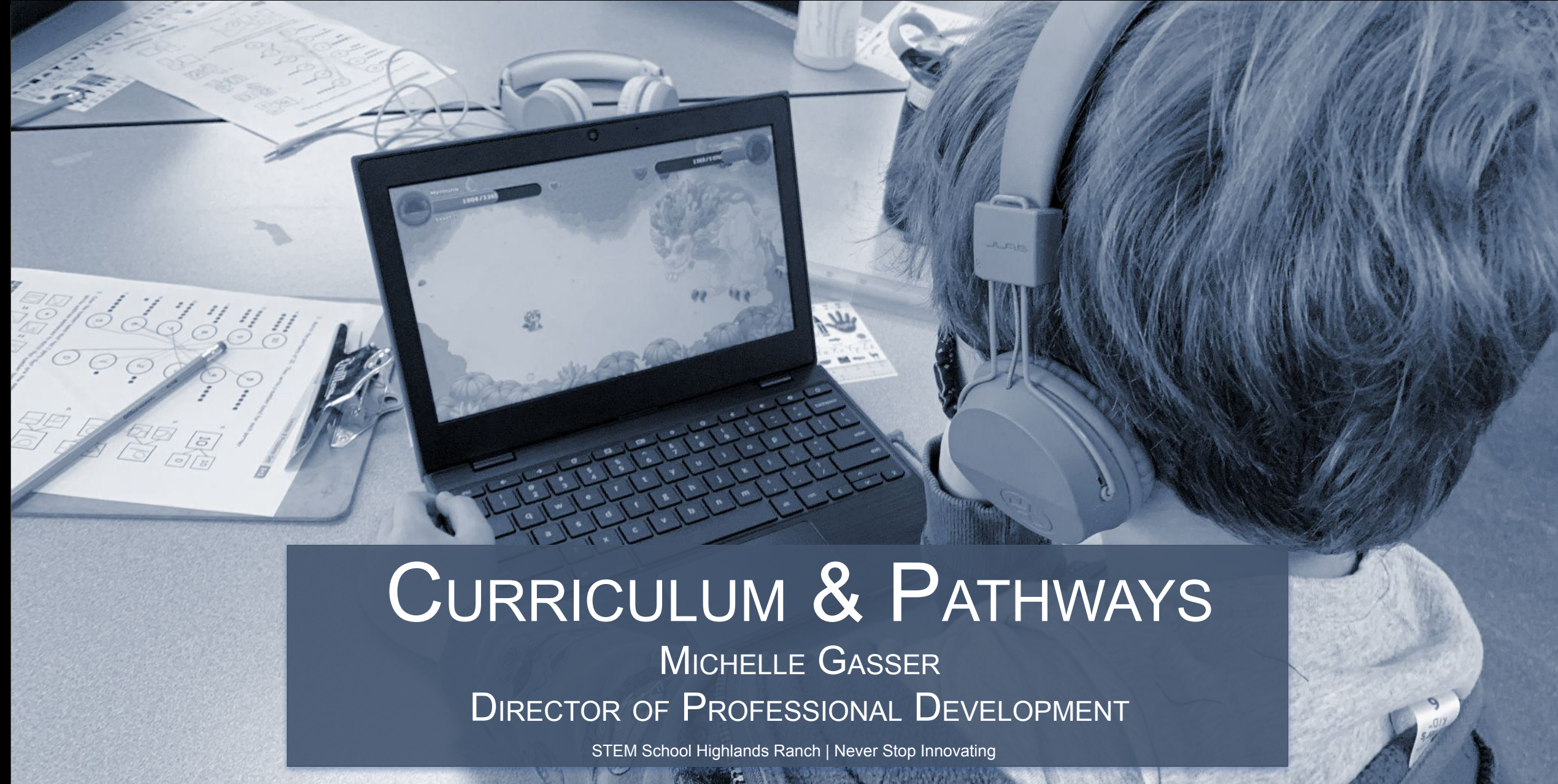


Highlights

- Reviewing and revising processes for intervention services and identification of students' needs
- Addressing mental health needs of K-12 and developing data-driven programming and curriculum

Student Support Team Goals

- Increase collaboration with families in the development, implementation, and monitoring of intervention plans
- Improve the continuity of team members from year-to-year through purposeful team-building, professional development, collaboration, and teamwork.
- Strengthen our mental health programming through the development of a more comprehensive continuum of supports for all students



CURRICULUM & PATHWAYS

MICHELLE GASSER
DIRECTOR OF PROFESSIONAL DEVELOPMENT

STEM School Highlands Ranch | Never Stop Innovating



- Full-Time Career Discovery Coordinator
- P-Tech
 - Mechatronics
 - Cybersecurity
 - Game Design- new next year
- Internships
- Mentorships
- Colorado College Transfer Pathways



P.TECH

Pathways in Technology
Early College High School



COLORADO COLLEGE PATHWAYS

Little to No Cost
to Families

- Students taking Concurrent Enrollment courses who would like to explore the pathways below will have automatic transfer eligibility to Colorado Colleges.
 - Biology - Pre Med (Any Colorado College)
 - Computer Science (CSU, CU or Colorado School of Mines)
 - Aerospace (CU transfer)
 - Biomedical Engineering (CU Transfer)

Little to No Cost
to Families

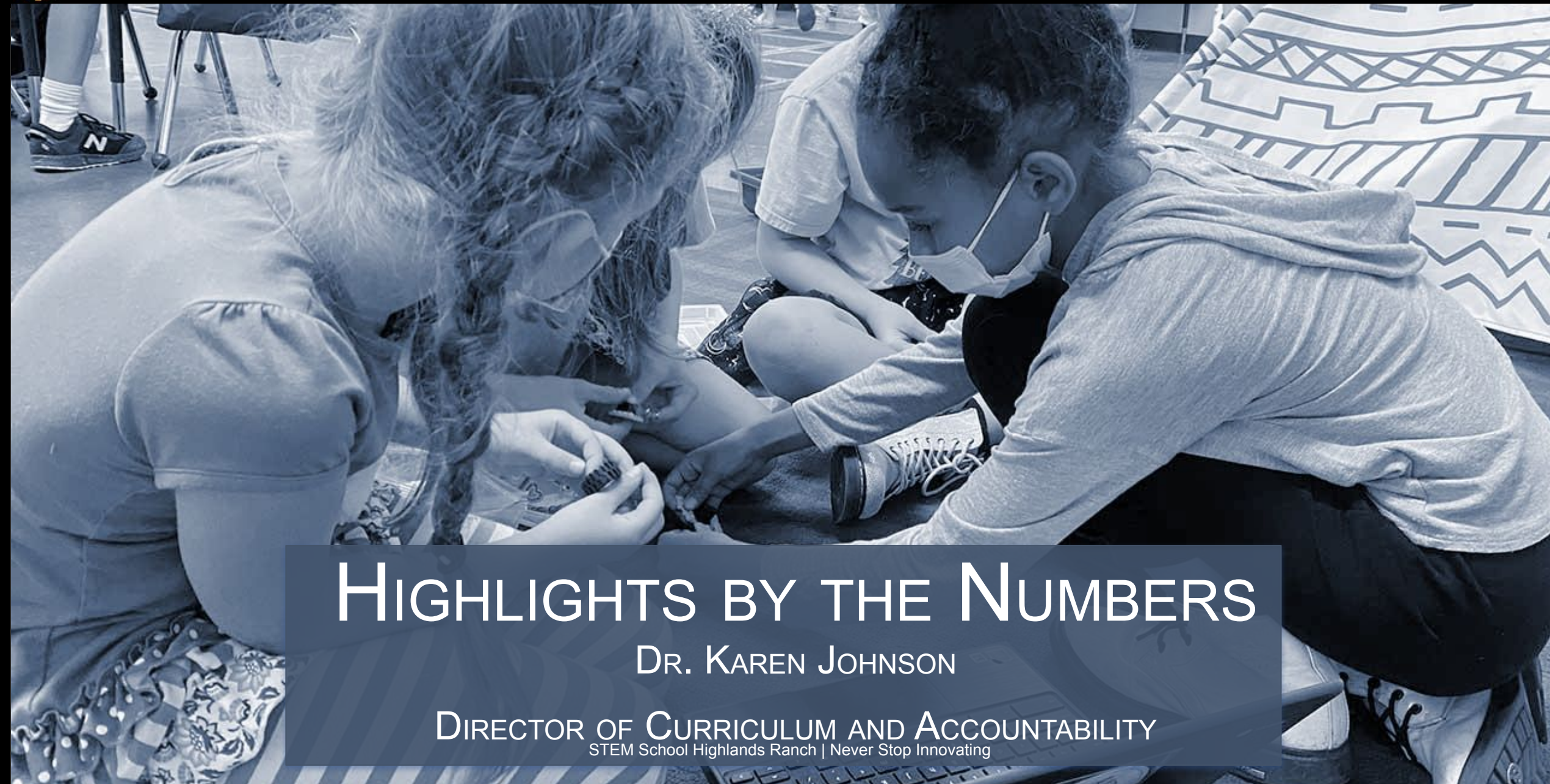
P-TECH PATHWAY

- P-TECH provides college education, relevant workplace skills and No tuition cost to students and families as long as students have a passing grade.
- Pathways are:
 - Robotics and Automation
 - Cybersecurity
 - Game Design **NEW FOR 2023-24**
- No penalty, cost, or problem if a student leaves the program.

No Cost to
Families

I-LOP PILOT PROGRAM

- Students earn course credits for apprenticeships and internships. This does not need to be part of P-Tech or CE but can be used to enhance those pathways.
- Students choose the industry/business they would like to intern with.
- Only school in DSCD to be able to offer this program.



HIGHLIGHTS BY THE NUMBERS

DR. KAREN JOHNSON

DIRECTOR OF CURRICULUM AND ACCOUNTABILITY
STEM School Highlands Ranch | Never Stop Innovating



HIGHLIGHTS BY THE NUMBERS

11

SAT Test

(Colorado Statewide Rank, 2022)

88%

K-2 Students at Grade Level in Math, Spring 2022

1 CAMPUS. 4 INTEGRATED SCHOOLS:
ELEMENTARY - MIDDLE - HIGH - PTECH

1498

K-12 Students

6

John J. Irwin School of Excellence Awards

437

Students in AP Courses

86%

K-2 Students at Grade Level in Reading, Spring 2022

1 of 18

PTECH Schools in Colorado

106

Points Higher on SAT as compared to the Average DCSD score.

48.4%

Ethnic Diversity of Students

94.3%

Achievement Rating (CDE, 2022)

20

Concurrent Enrollment Courses Offered on Campus

139 SENIORS

81%

Attending a 4-Year College

11%

Attending a 2-Year College

8%

Other Pathways

98%: Applied and Accepted to College

11

Colorado High Schools (US News and World Report, 2022)

22

Advanced Placement Course Offerings

1356

Current Concurrent Enrollment credit hours 21-22 school yr

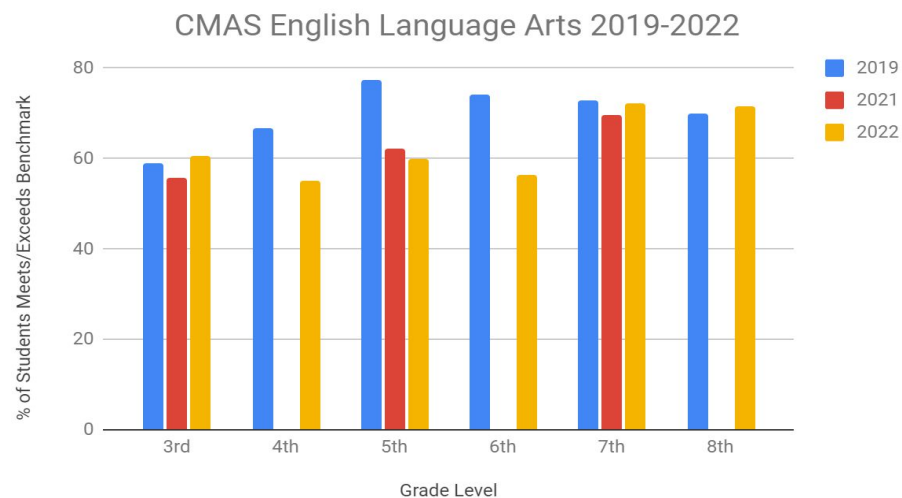
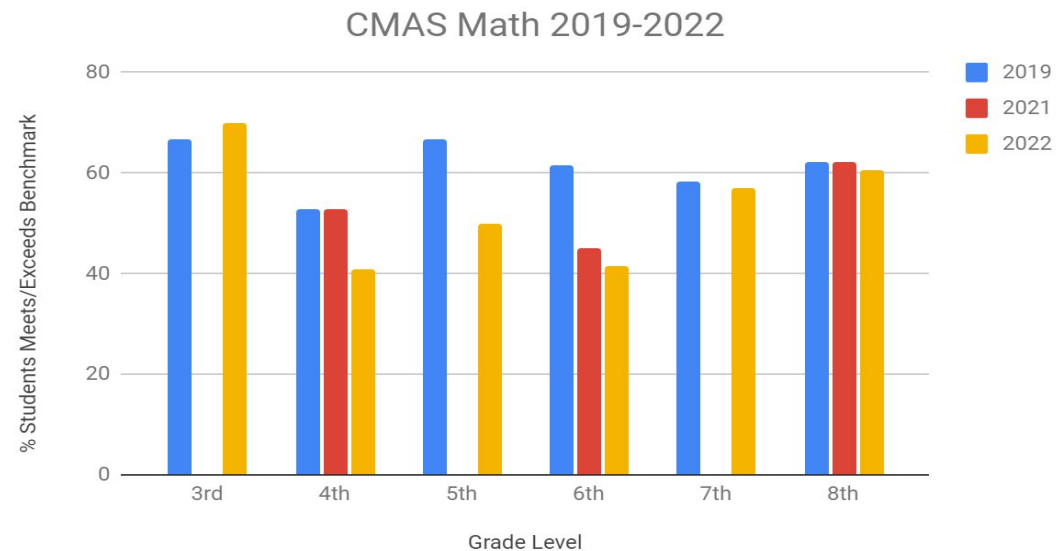
105

Industry Certificates Earned



CMAS RESULTS: SPRING 2022

ELA 2022	3rd	4th	5th	6th	7th	8th
State	40.7	44.1	45.4	43	41.8	43.9
District	57.4	59.2	60.7	63.2	58.9	58.7
STEM	60.5	55	59.8	56.5	72.3	71.6



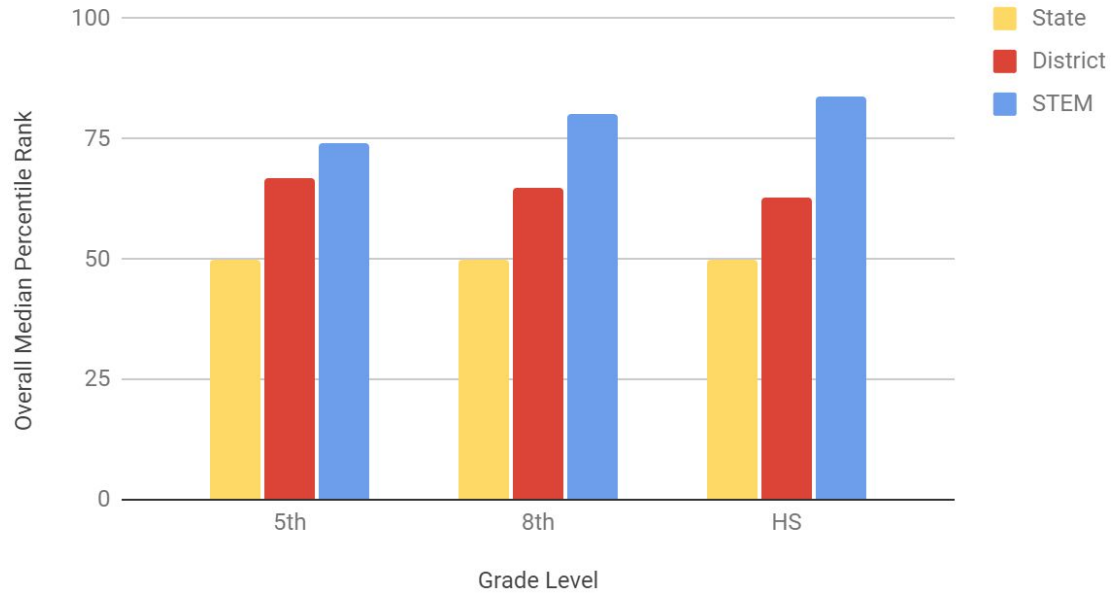
For additional information regarding the STEM School Highlands Ranch Unified Improvement Plan visit:
<https://www.cde.state.co.us/code/schooldashboard>

Math 2022	3rd	4th	5th	6th	7th	8th
State	39.4	30.7	34.9	26.3	25	32.4
District	59.6	47.6	51.4	43.8	43.1	48
STEM	69.8	41	50	41.5	57.1	60.5

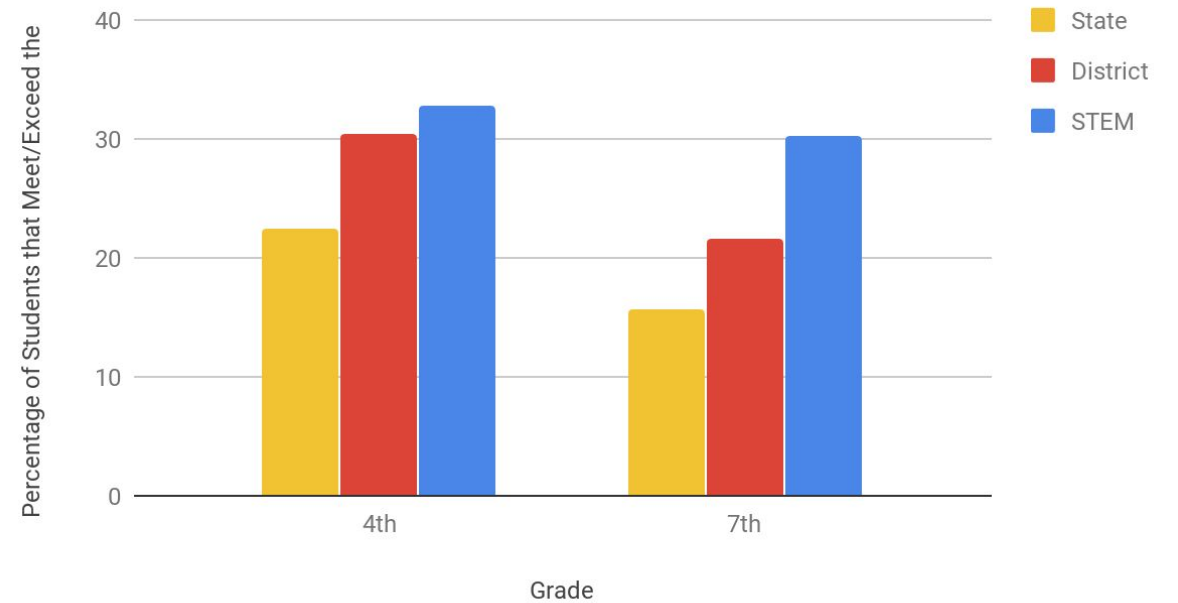


CMAS RESULTS

CMAS Science Spring 2022



CMAS: Social Studies 2018

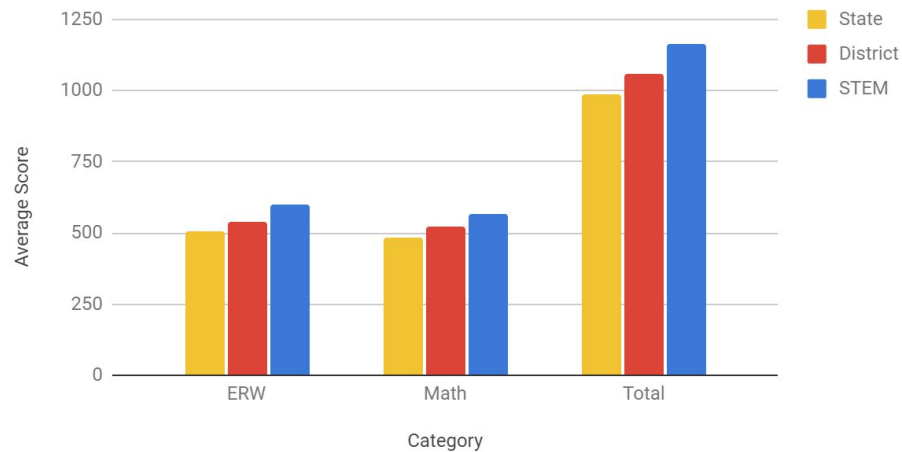




2021 SAT AND PSAT RESULTS

SAT(134 Students)

2021-2022



In 2022, **90% of STEM students met the ERW benchmark** which is 17% higher than the district and 33% higher than the state. **64% of STEM students met the Math benchmark**, which is 13% higher than the district and 29% higher than the state.

In 2022, STEM students scored an average total score on the SAT of **1165!** The DCSD average score was 1059 and the state average was 986. **STEM Students are ranked #12 in the State!**

The average Math SAT score was 567 compared to the district average of 521 and state average of 483.

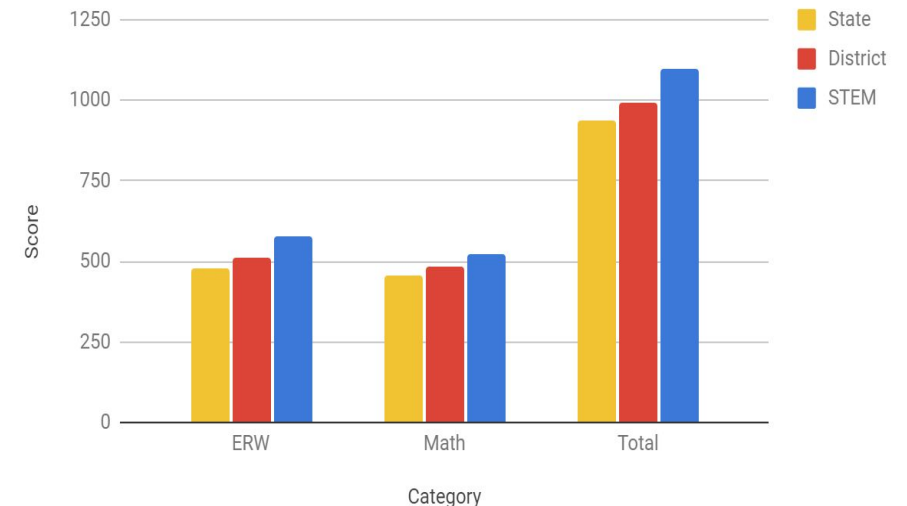
The average Evidence Based Reading Writing score for STEM students was 598 compared to the district average of 537 and state average of 503.

During the Spring 2022, the Total Mean Score for STEM students on the PSAT 10 was **1096**, as compared to the district (995), and the state (935). The PSAT 10 Mean Score for the Evidence-Based Reading and Writing exam for STEM students was 575, the district (512), and the state (480). The Mean Score for Math for STEM students was 521, the district (483), and the state (455).

In 2021-22, **97% of 10th graders met the ERW benchmark**, which is 16% higher than the district and 30% higher than the state. **74% of STEM School 10th graders met the Math benchmarks**, which is 20% higher than the district and 34% higher than the state.

PSAT 10 (120 students)

2021-2022



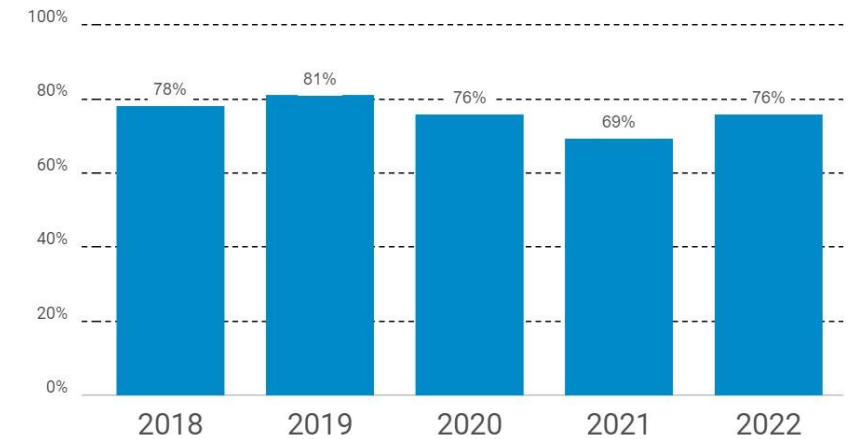


ADVANCED PLACEMENT

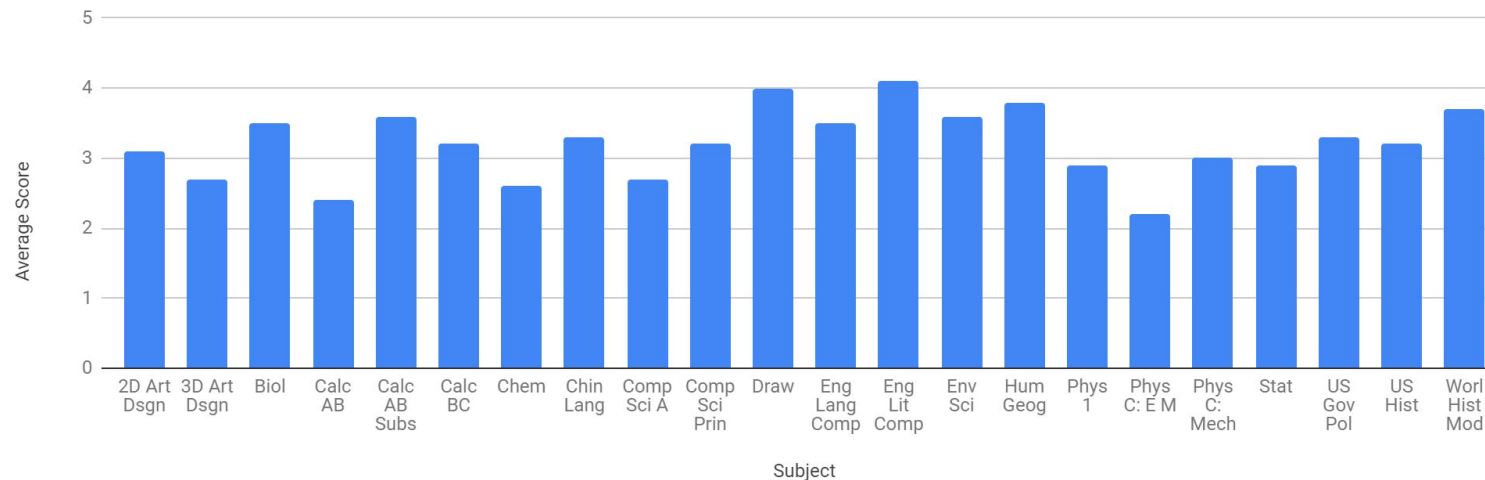
SCHOOL SUMMARY

	2018	2019	2020	2021	2022
Total AP Students	187	174	223	254	227
Number of Exams	332	283	404	478	412
AP Students with Scores 3+	146	141	169	176	172
% of Total AP Students with Scores 3+	78.07	81.03	75.78	69.29	75.77

% OF TOTAL AP STUDENTS WITH SCORES 3+



Average AP Scores 2021-2022





ADVANCED PLACEMENT AND CONCURRENT ENROLLMENT COURSE OFFERINGS

AP Language and Composition

AP Literature and Composition

AP Chemistry

AP Biology

AP Physics I - Algebra based

AP Physics C

AP Calculus AB

AP Calculus BC

AP Human Geography

AP World History

AP US History

AP Computer Science Principles

AP Psychology

AP Art Combo

AP Chinese Language and Culture

AP French Language and Culture

AP Spanish Language and Culture

CNG 121 Computer Technician I: A+ & CNG 122 Computer Technician II: A+

CNG 124 Networking I: Network+ & CNG 125 Networking II: Network+

CNG 132 Network Security Fundamentals

ENG 121 English Composition I & ENG 122 English Composition II

ENG 131 Technical Writing

LIT 115 Introduction to Literature

LIT 202 World Literature After 1600

BUS 115 Introduction to Business

MAR 216 Principles of Marketing

ENP 105 Intro to Entrepreneurship

EIC 102 Electrical Print Reading

ELT 106 Fundamentals of DC/AC

ELT 252 Motors and Controls

ELT 254 Industrial Wiring

ELT 255 Fluid Power

ELT 258 Programmable Logic



TEACHER SUPPORT TEAM

MICHELLE GASSER
DIRECTOR OF PROFESSIONAL DEVELOPMENT

STEM School Highlands Ranch | Never Stop Innovating



TEACHER SUPPORT TEAM UPDATE

Year at a Glance

- 4 full time Teacher Support members
- 17 Mentors
- Induction and Alternative Licensure support

Support Includes:

- PBL Development
- Instructional Pedagogy
- Standards Based Learning Development and implementation
- Unit Planning
- Feedback and Observations
- Coverage for teachers to observe others
- Co-teaching/model teaching
- Instructional Technology Support
- Curriculum Implementation
- Differentiation
- Resource Procurement
- Quick Breaks



As our school matures, we continue to improve our methods for finding and maintaining the best teachers.



WHAT WILL WE BE WORKING ON THIS YEAR?

- Professional Development Focus
 - Standards Based Learning
 - Problem Based Learning
 - Data Driven Instruction
 - Elementary- Benchmark Reading Program training
- Every other Monday is PLC time for staff
- Weekly PD Newsletter
 - Instructional videos
 - coaching supports
 - culture building activities
 - classroom instruction ideas
- Release days for teachers to work on Professional Development



TEACHER RESIDENCY PROGRAM

MICHELLE GASSER
DIRECTOR OF PROFESSIONAL DEVELOPMENT

STEM School Highlands Ranch | Never Stop Innovating



The teacher residency program provides placement for student teachers from partner universities. This program helps STEM to develop future STEM teachers.

- Partnership with DU, Metro State, CSE and Northern

We provide

- mentorship
- student teaching guidance
- career development

Current

- 3 full time DU Teacher Residents
- 14 part time Metro Teacher Residents



COMMUNICATIONS

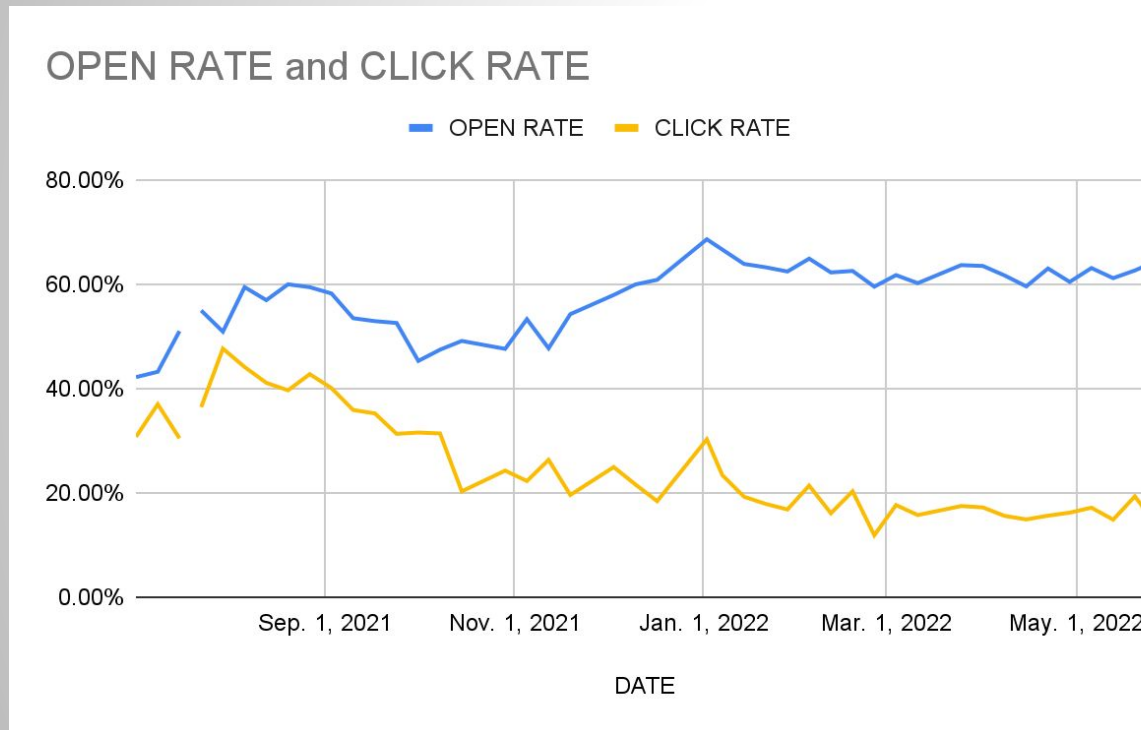
NICOLE BOSTEL

DIRECTOR OF COMMUNICATIONS

STEM School Highlands Ranch | Never Stop Innovating



- 2021-22 Newsletter Analytics - Parent



The National Industry Open Rate (for Constant Contact) is 25% for the Education Industry.

STEM's Open Rate was 56.8% for the school year.

The Nation Industry Average for Click-Through Rate (Constant Contact) is 19% for the Education Industry.

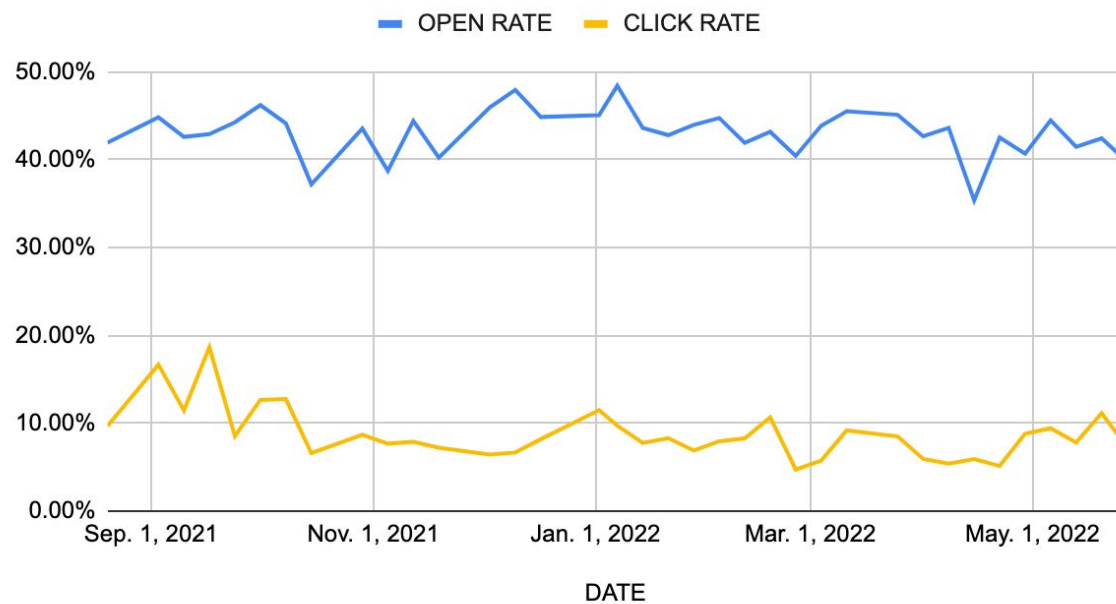
STEM's Click Rate was 25.5% for the school year.

Most Clicked On Links were Secondary Updates, Elementary Updates and Dr Eucker's Message. Additionally, more families view the newsletter on their desktop (68%) vs their mobile phones. (31.2%). The most clicked on link was the Secondary News/Updates post on July 9, 2021 (486)



- 2021-22 Newsletter Analytics - Student

OPEN RATE and CLICK RATE



January 7, 2022 Newsletter had the highest Open Rate of 48.43%

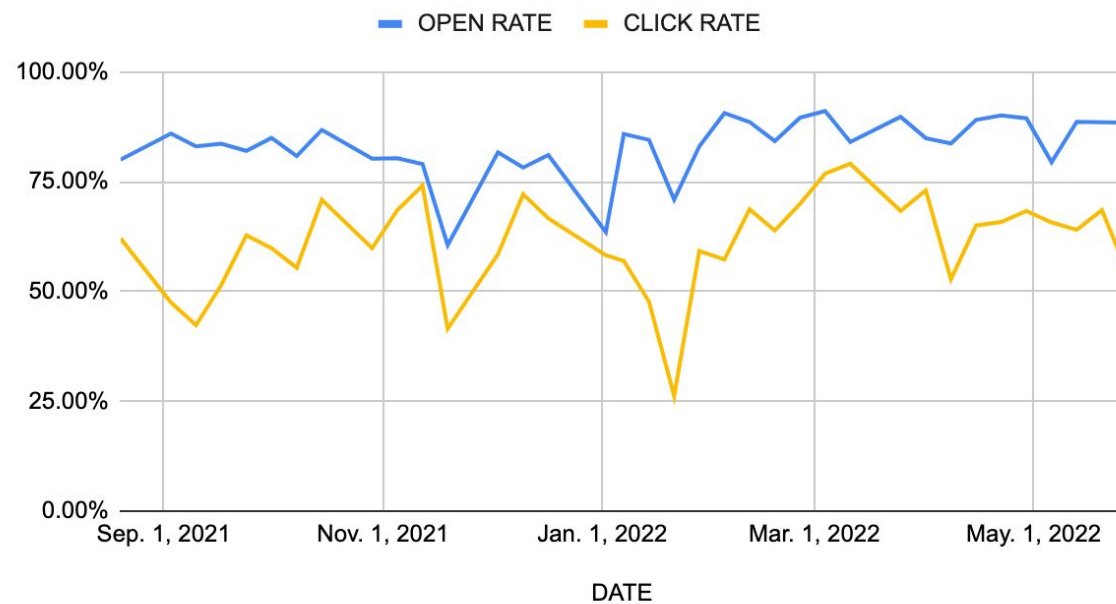
September 17, 2021 Newsletter had the highest Click Rate of 18.65%.

Most Clicked On Links were Secondary Updates and STEM Events Calendar. Additionally, majority of students view the newsletter on their desktop (92.44%) vs their mobile phones. (7.56%)



- 2021-22 Newsletter Analytics - Staff

OPEN RATE and CLICK RATE



February 11, 2022 Newsletter had the highest Open Rate of 91.11%

February 18, 2022 Newsletter had the highest Click Rate of 79.08%.

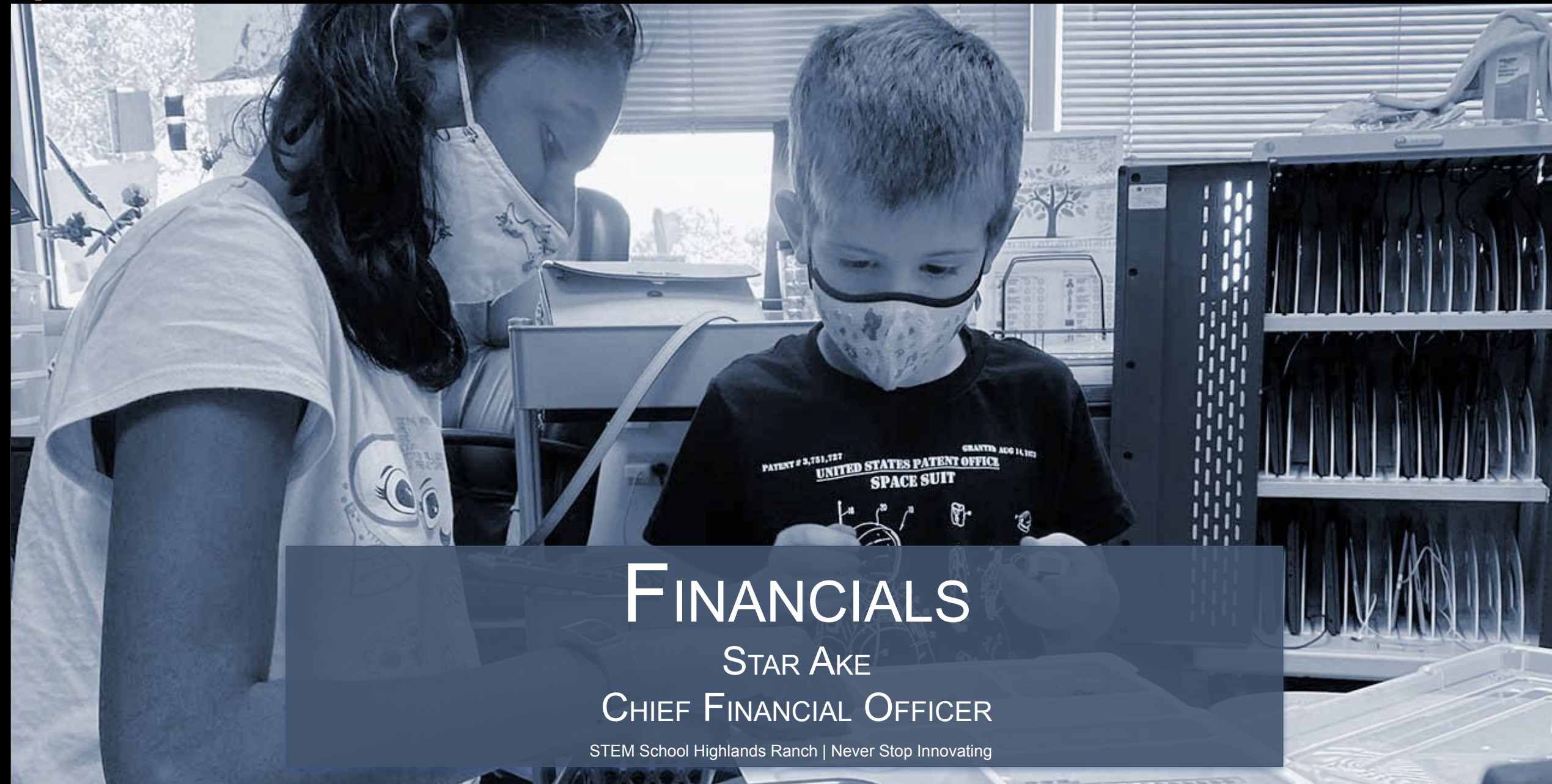
Most Clicked On Links were STEM PD Newsletter and Elementary Newsletter. Additionally, majority of staff view the newsletter on their desktop (76.13%) vs their mobile phones. (23.87%)



- 2021-22 Social Media Analytics
 - Of 607 posts to our Facebook Page, 81 were links, 360 were photos, 39 were status updates and 122 were videos.
 - Sent 387 Tweets that made 142,617 impressions and resulted in 114 mentions.
 - Reached 10,082 people on Instagram through organic content, with 8,038 profile visits.
 - YouTube Channel recorded 83,565 views, which is up from 30,120 views from the year prior.
 - Viewers watched over 2,300 hours of video and we gained 164 new subscribers.
 - STEM reached people in 45 countries, including the United States with our video content.



- 2022-23 School Year Goals - Ignite The Spark!
 - Adopt and infuse 2022-23 Theme throughout all creative content (#IgnitetheSpark)
 - Demonstrate STEM's improvements to the work culture
 - Showcase student achievement, engagement, success and school pride
 - Promote STEM School Highlands Ranch as the premier place for students to attend school; with a specific focus on STEM Secondary to help boost enrollment
 - Support fundraising efforts for STEM



FINANCIALS

STAR AKE

CHIEF FINANCIAL OFFICER

STEM School Highlands Ranch | Never Stop Innovating



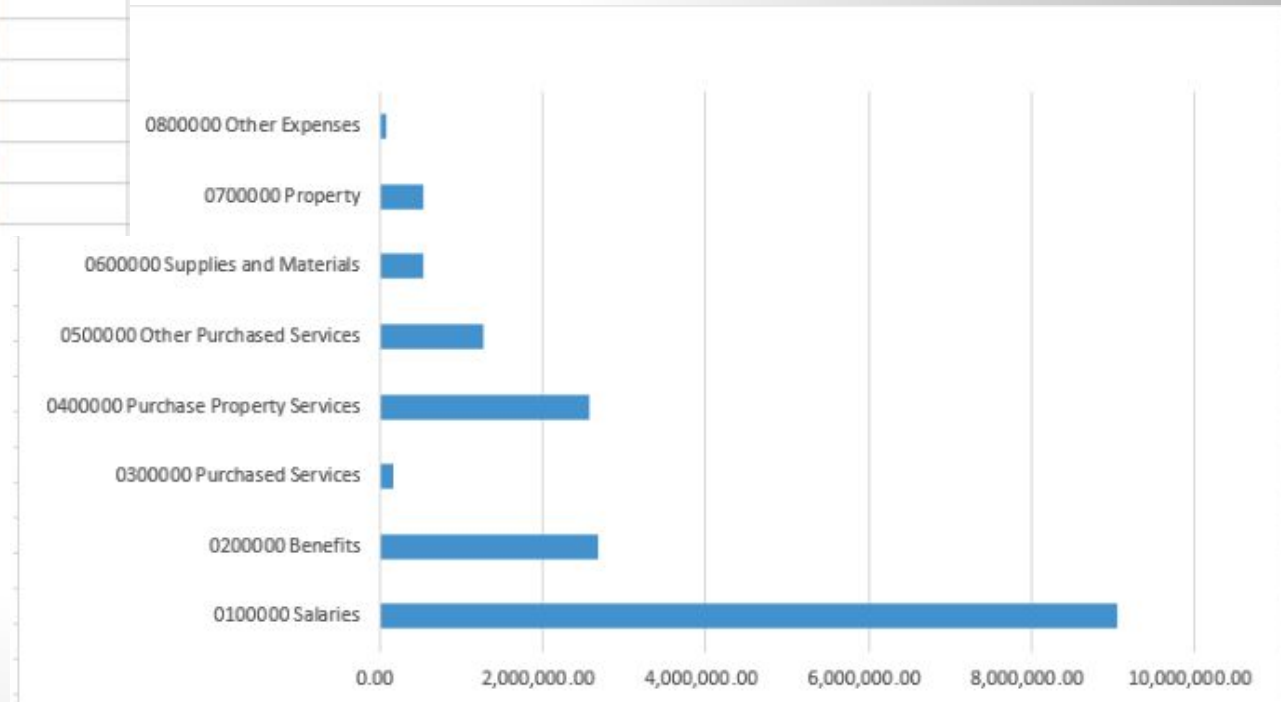
FINANCIALS - EXPENSE BREAKDOWN

STEM School Highlands Ranch

Expense Allocation

July 2021 - June 2022 AUDITED YEAR

	Total
Expenses	
0100000 Salaries	9,058,597.16
0200000 Benefits	2,670,934.74
0300000 Purchased Services	167,049.38
0400000 Purchase Property Services	2,579,286.09
0500000 Other Purchased Services	1,264,469.29
0600000 Supplies and Materials	542,763.35
0700000 Property	526,627.95
0800000 Other Expenses	72,854.17





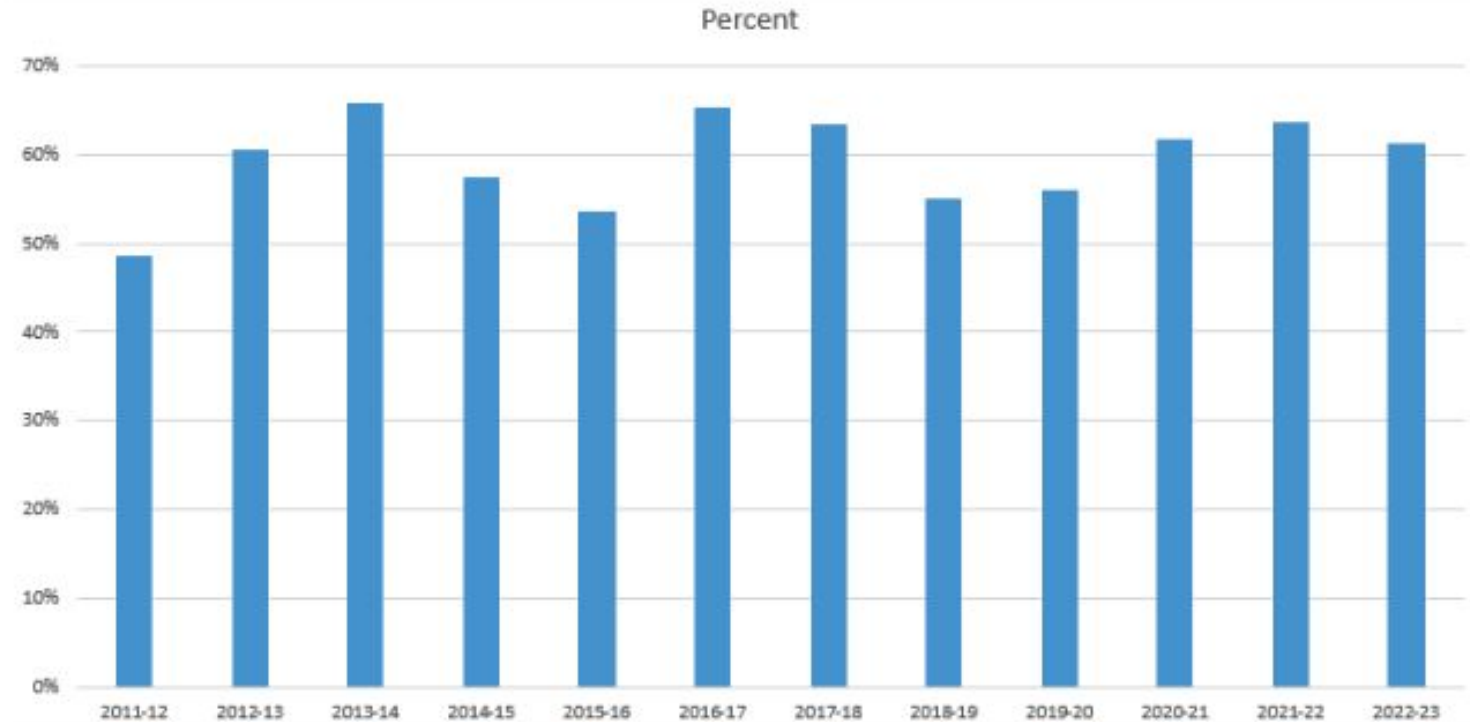
FINANCIAL BENCHMARKS

STEM School Highlands Ranch

Benchmark for Salaries and Benefits 50-70%
Based on Revenue

	Percent
2011-12	49%
2012-13	61%
2013-14	66%
2014-15	58%
2015-16	54%
2016-17	65%
2017-18	63%
2018-19	55%
2019-20	56%
2020-21	62%
2021-22	64%
2022-23	61% projected

STEM Salaries and Benefits 61% Charter
School Industry Norm for Salaries and
Benefits 50-70%





CLEAN BILL OF HEALTH

Independent Audit
Report 2021-2022
School Year.

The full report is
posted on our website

An Independent audit is based on an analysis by an objective third-party. It is important for inspiring and maintaining trust to the school board and the school community. It demonstrates that the school is committed to financial transparency and accountability.



Independent Auditor's Report

Board of Directors
STEM School Highlands Ranch and Academy
Highlands Ranch, Colorado

Report on the Audit of the Financial Statements

Opinions

We have audited the financial statements of the governmental activities and each major fund of STEM School Highlands Ranch and Academy, as of and for the year ended June 30, 2022, and the related notes to the financial statements, which collectively comprise the School's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the School, as of June 30, 2022, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

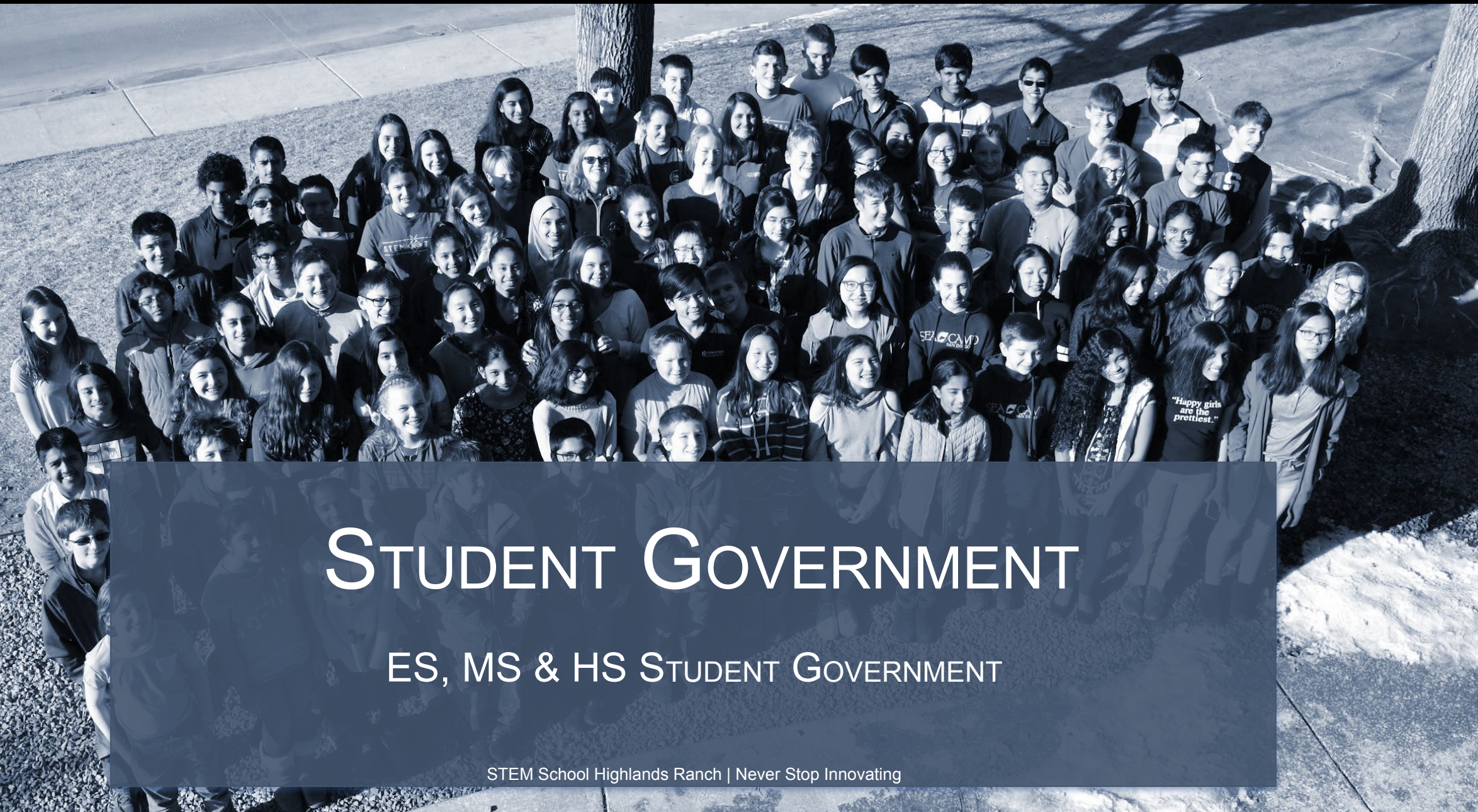
We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the School and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

The School's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Office Locations:
Colorado Springs, CO
Denver, CO
Tulsa, OK

Denver Office:
750 W. Hampden Avenue
Suite 400
Englewood,
Colorado 80110



STUDENT GOVERNMENT

ES, MS & HS STUDENT GOVERNMENT

STEM School Highlands Ranch | Never Stop Innovating



Elementary School

- Current:
 - Election week with speeches
 - Spirit week aligned with secondary
 - Morning announcements
 - Students advocate for others on playground to prevent bullying
 - Trunk or Treat
 - Thanksgiving food drive
- Projected:
 - Hygiene product drive
 - Cleaning up various parts of the school

Middle School

- Current:
 - MS Dance
 - Spirit Week
- Projected:
 - Movie Night
 - Game Night
 - End of year field day with Kona Ice

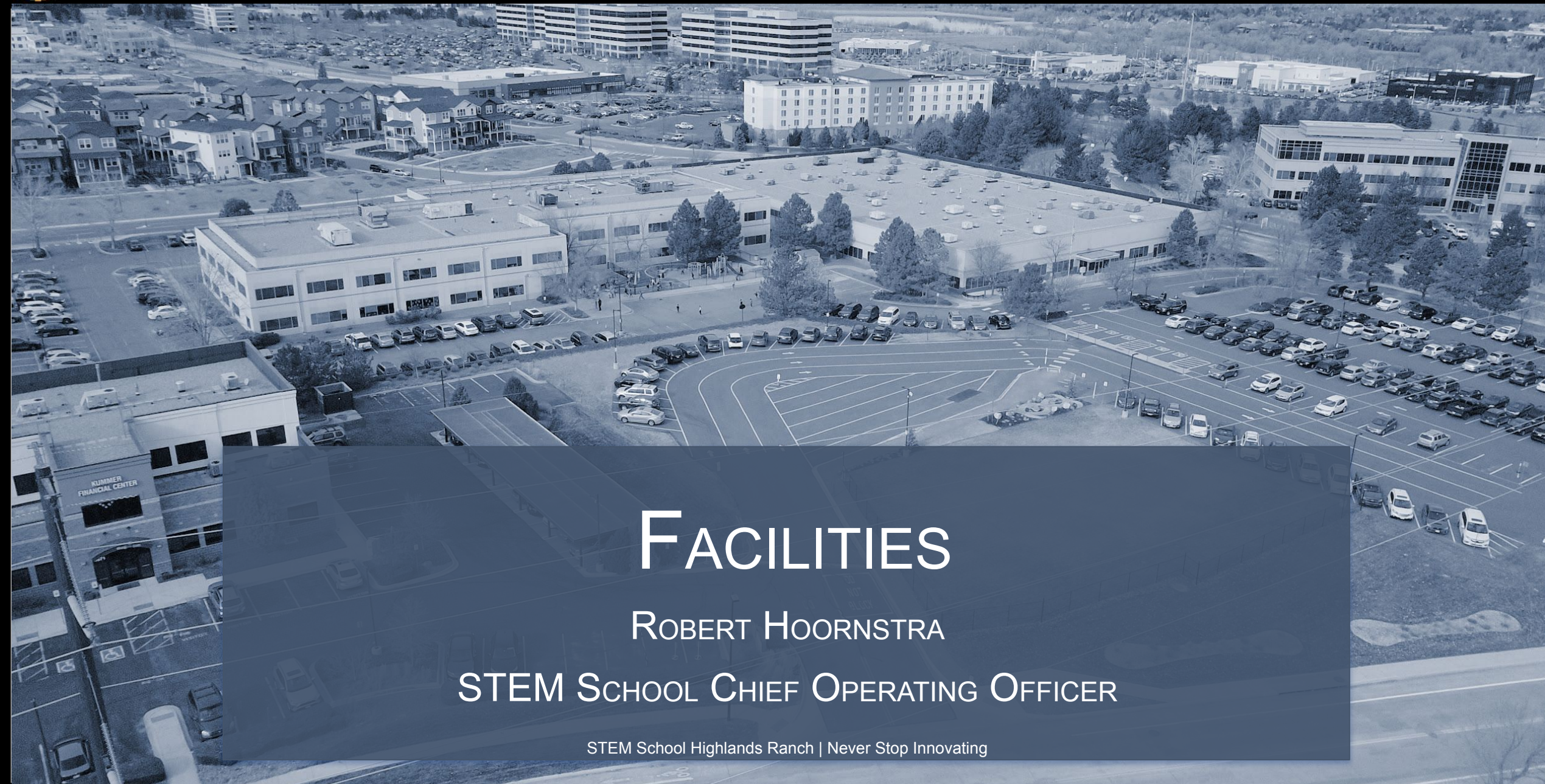
High School

- Current:
 - August-Club Rush
 - September-Spirit Week with a powder puff football game, pep rally and ended with Homecoming
 - October-Trunk or Treat in ES parking lot
- Projected:
 - Hot Chocolate Event
 - Nerds Night Out
 - Winter Formal and Prom.



STUDENT GOVERNMENTS





FACILITIES

ROBERT HOORNSTRA

STEM SCHOOL CHIEF OPERATING OFFICER

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- Continued to adhere and enhance CDC protocols for cleanliness and sanitation
- Deep cleaned, disinfected and sanitized all of STEM Schools
- Replaced 2 existing RTU units on ES to provide better ventilation via ESSER III funds
- Added additional Direct Digital Controls to accommodate for improved ventilation in classrooms
- Painted the complete exterior to the STEM School campus
- Designed / procured / constructed new Cyber Security and Mechatronics classrooms at the KOSON building



- Designed / procured / constructed the 2-story building addition adjacent to the Elementary School
 - New Middle School Cafeteria
 - 4 new Middle School classrooms
 -
- Coordinated with Douglas County School District for the replacement of Site Cameras
- Coordinated with Douglas County School District for the replacement of Site card access
- Coordinated with Douglas County School District for the replacement of Secondary school new main electrical service system
- Designed / procured / constructed the New CHSSA Gym within the Secondary School
 - New Fitness room
 - New Locker rooms



2023/24 SCHOOL PROJECT IMPROVEMENTS

- Future STEM School Improvements
 - 2-8 site playground
 - Roof replacement to Secondary building
 - Cafeteria sound attenuation
 - KOSON RTU replacements
 - Roof replacement to Secondary building







ENRICHMENT

MELANIE FITZROY

STEM SCHOOL ENRICHMENT COORDINATOR

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FALL 2022 ELEMENTARY ENRICHMENT HIGHLIGHTS



Highlands Ranch

Fall 2022

- Offerings: Ballet, Battle of the Books, Chess, Craft Club, First LEGO League Explore, Fencing, K-2 Game Club, Hip Hop, Theater, Yoga
- Participation: 244 Students, 13 Parent Volunteers, 6 High School Mentors
- First LEGO League (FLL) is back with 7 Explore teams participating in their first FLL Festival in February since 2019. First Robotics Team Impulse (FRC) provided high school mentors to help guide elementary teams.



2022 SECONDARY ENRICHMENT HIGHLIGHTS



Fall 2022

- Offerings: 37; Participation: 677 Students, 30 Parent Volunteers
- MS and HS BEST Robotics 2022 Successes- 1st Place BEST and Game awards at Front Range Best; Most Robust Machine award at Denver Best Regionals
- TSA students will compete in February at State Conference
- FRC Robotics preparing for 2023 Competition season
- DECA and FBLA programs held 2nd Annual Innovation Invitational - 15 student qualified for State
- STEMed and STEMed Jr meeting bi-monthly hosted dissections and CPR training
- MS/HS Theater Production presenting 3 annual productions and in February 1st Annual Theater Fest
- MS Cross Country and Boys Basketball are back



SCHOOL ACCOUNTABILITY COMMITTEE (SAC)

JASON O'ROURKE

STEM SCHOOL SAC CHAIR

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WHAT IS A SCHOOL ACCOUNTABILITY COMMITTEE?

A group of school leaders, teachers,
parents and community members.

Work together in an advisory
capacity with STEM.

A statutory requirement for every
school.

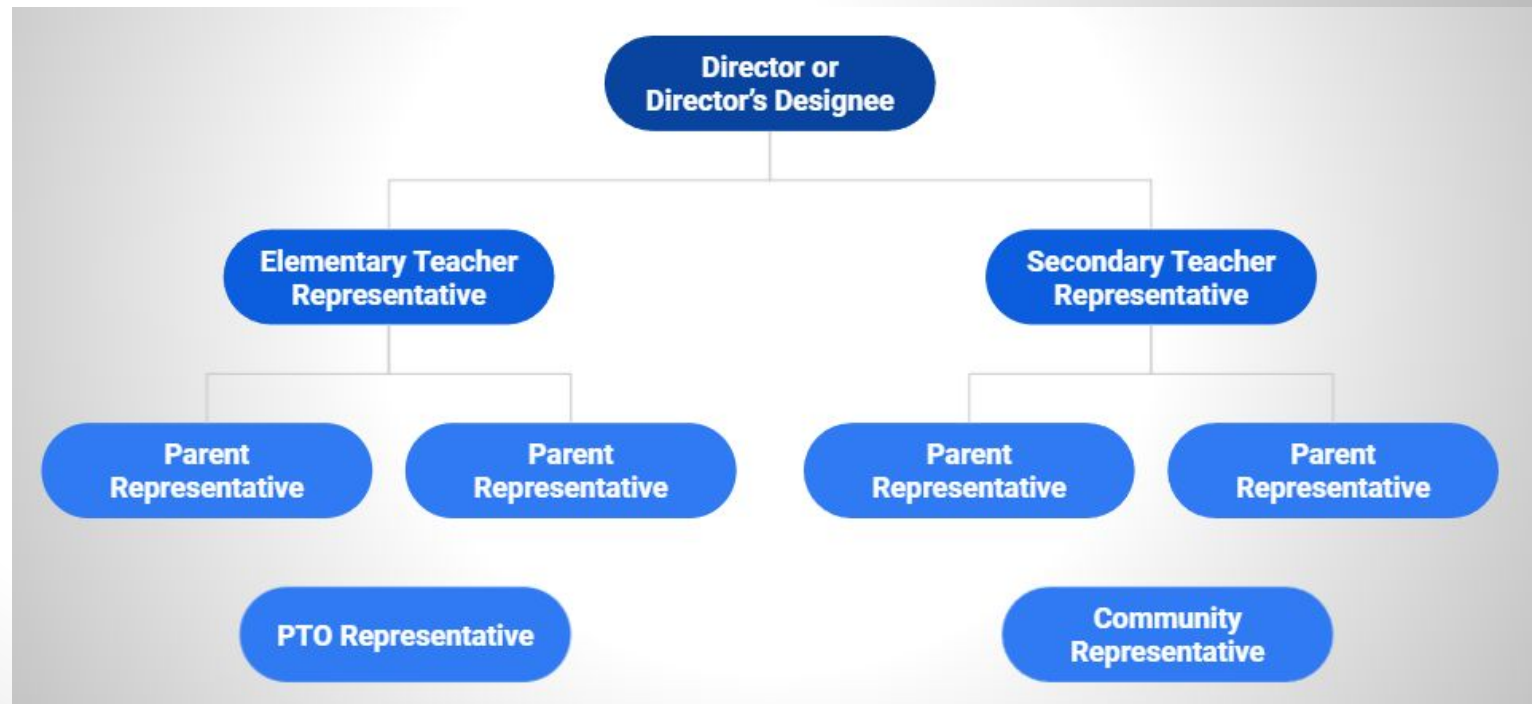
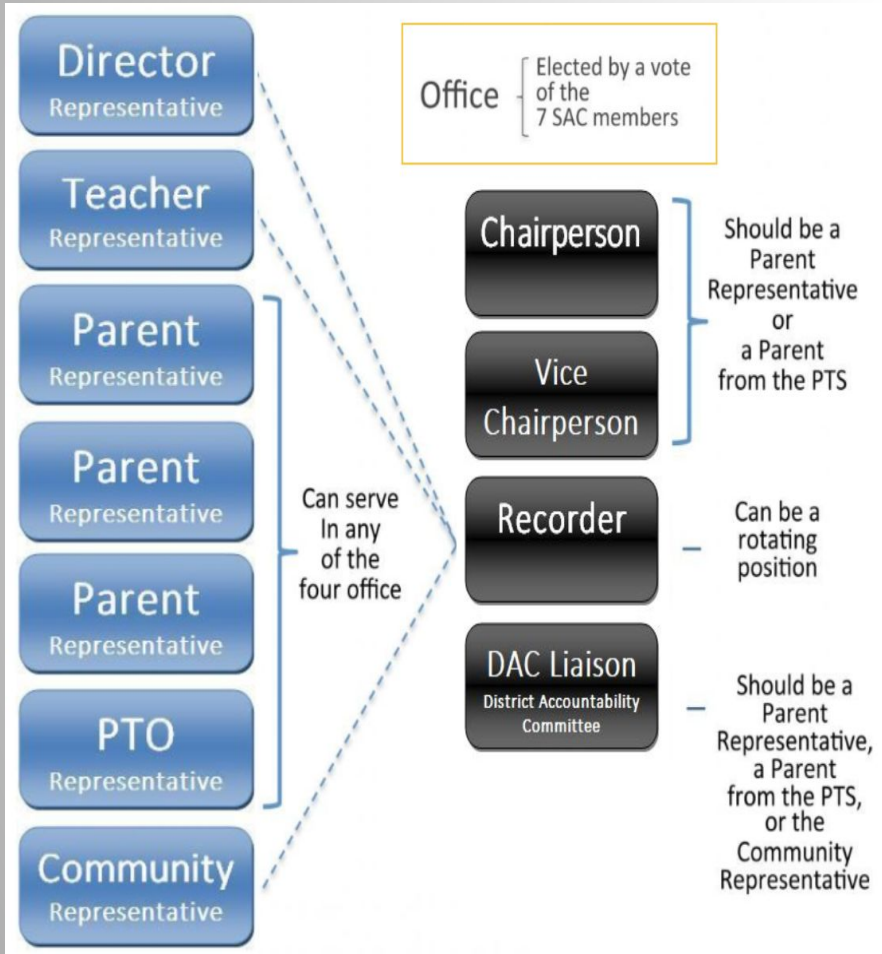


Educating our students is a partnership between families and educators. The STEM SAC is a great forum for parents to be involved in their children's school. The SAC welcomes all parents and community members to attend the meetings to learn more about the "business" of educating our students.



STEM SAC Membership

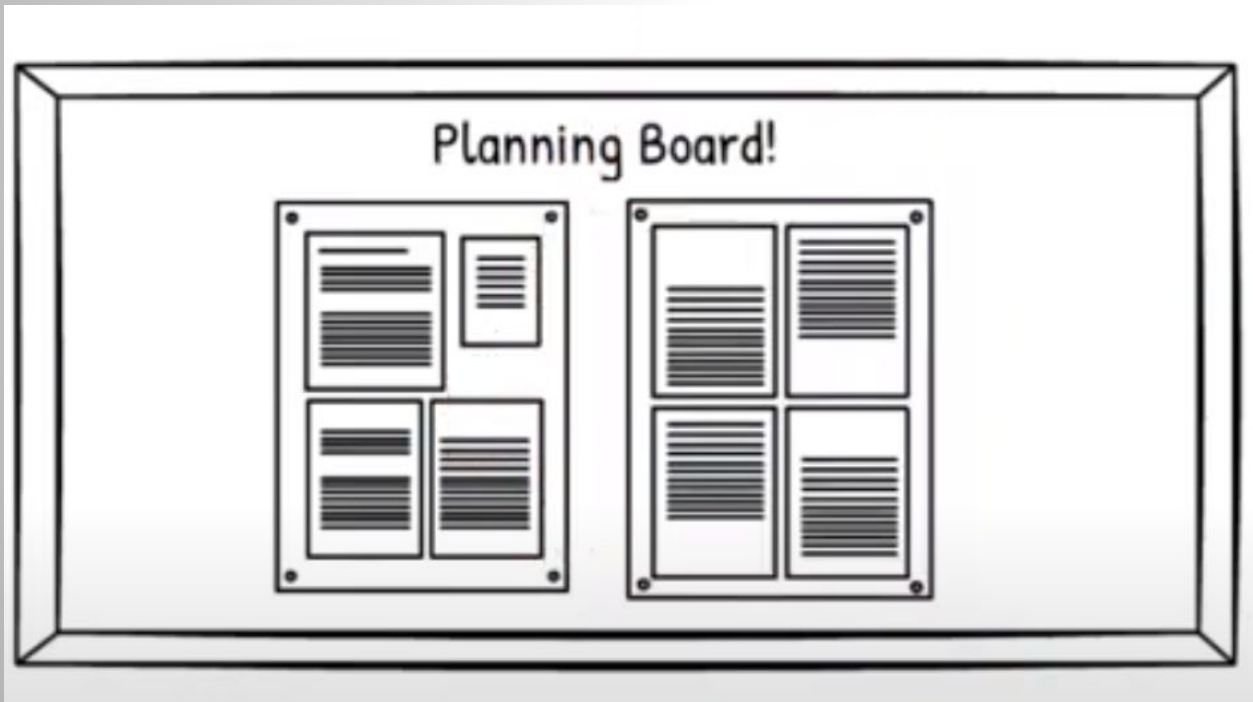
The SAC recently updated the Bylaws to reflect our K-12 School appropriately. The SAC should represent the school's diversity and inclusive of all levels. The STEM SAC has two teacher representatives, one from the elementary school and one from the secondary school, and minimum of four parent representatives.





WHAT DOES A SAC DO?

THE PURPOSE OF THE **SAC** IS TO INFORM, ENCOURAGE AND PROVIDE OPPORTUNITIES FOR THE COMMUNITY TO BE INVOLVED IN THE PLANNING AND EVALUATION OF THE **SCHOOLS INSTRUCTIONAL PROGRAM AND QUALITY IMPROVEMENT PROCESSES.**



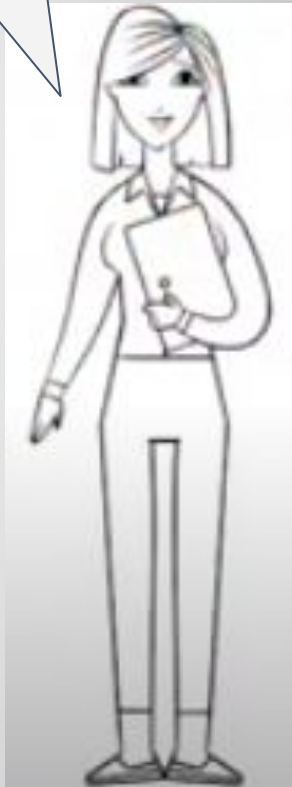
- ❑ **MAKES BUDGET RECOMMENDATIONS THAT ARE SUBMITTED TO STEM'S EXECUTIVE DIRECTOR FOR CONSIDERATION**
- ❑ **FACILITATES THE PARENT SURVEY**
- ❑ **COLLABORATES WITH THE PTO AND THE BOARD OF DIRECTORS**
- ❑ **MAKES RECOMMENDATIONS TO STEM'S UNIFIED IMPROVEMENT PLAN**
- ❑ **FOCUS ON PARENT AND COMMUNITY ENGAGEMENT**



How can you get involved?

- Have a recommendation for an improvement at STEM, submit it to the SAC directly via email at sac@stemk12.org.
- Attend monthly meetings and take part in Public Comment.
- Join a SAC Subcommittee
 - Unified Improvement Plan (UIP)
 - Communications
 - Parent Engagement
 - Parent Survey
 - Building Parent Trust

I would like to recommend...





WHEN DOES THE SAC MEET?

- The SAC typically meets the third Wednesday of the month from 5:30-7 p.m.
- You can find the SAC webpage under the "About" tab on the STEM website.
- The SAC meeting Agenda will be posted to the site prior to the meeting and all approved meeting minutes can be found on the site as well. Meeting minutes are approved at the following meeting and then posted on the website within a week of being approved.

Next SAC meeting is on February 15, 2023

5:30 p.m. P-TECH/KOSON Building

To know your school is to love your school.



PARENT TEACHER ORGANIZATION

JEANIE BREVOORT

STEM SCHOOL PTO PRESIDENTS

STEM School Highlands Ranch | Never Stop Innovating



WHAT IS A PARENT-TEACHER ORGANIZATION?

STEM PTO, a Chapter of the Foundation for Douglas County Schools, is a Parent Teacher Organization that uses its resources (materials, funds and services) to support our school, STEM School Highlands Ranch.

Mission: Our mission ensures STEM PTO works in partnership with STEM School Highlands Ranch to foster a strong sense of community, provide enhancement activities for student, faculty, staff and families and help increase the educational, social and emotional experience for the members and their families.

Current Executive Board Positions

- President: Jeanie Brevoort
- Co-Vice Presidents Events: Irene Shick and Allison Everson (1 open position)
- Co-Communications: 2 Open Positions
- Hospitality: Crystal Adams and Claire Smith (1 open position)
- Co-Treasurer: Mike Stone and Virginia Wang
- Co-Secretary: Trisha Andrews
- Co-Secretary/SAC Liaison: Heidi Peterson



WHAT DOES PTO DO?

Purpose. STEM PTO is organized for the purpose of enhancing the quality of students' education, school and community through development of resources and participation of parents, school staff, and community.

Objectives of the PTO Board

- The STEM PTO Executive Board's goal for fundraising is to enhance the quality of STEM School Highlands Ranch, its student's education and environment, and the community.
- To promote effective communication between parents/guardians, school staff, and the community.
- To assist in the administrative activities of the school and support its policies and goals.
- To organize and support fundraising and enhancement activities.
 - To serve in an advisory capacity to the STEM School Board of Directors, or at the request of other groups.

**Events: Blast Off, Elem School Dance, STEM Fest, Pirates Cove, Skate City
Teacher/Staff Appreciation Week**



Membership. *Any parent and/or guardian with a student enrolled or teacher, faculty, or staff employed at STEM School Highlands Ranch shall automatically be granted membership into the STEM PTO. No membership fee shall be collected.*

Open Positions

Events (1) - Coordinate fundraising and events

- **Events:** Blast Off, Elementary Dance, STEM Fest, Pirates Cove, Movie on the Green, Skate City
- **Fundraising:** Bubble Run, Restaurant Nights, STEM Gives, King Soopers App Community Rewards

Hospitality (1) - Oversee all hospitality needs, volunteer and staff appreciation

Communications (2) - Oversee PTO communications and marketing effort

Next PTO Meeting:

February 8, 2023 6:30PM Location Via Zoom



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