creating active learning environments for

students can safely explore their passions and are solving relevant, complex problems

varied approaches, are providing accurate feedback to each

Our vision is to graduate students who are thoughtful, creative,

curious, participate in meaningful inquiry, are proactive, use their imaginations, are inventive, interact well with others, can

build hypotheses, and are personally reflective. Our students

will be ready for college and the work world and that is why

we spend so much teaching time each year, across all levels,

On April 13th, the Board of Education passed a resolution

to vote on a Bond Proposition. The Board first charged the Facilities Committee and administrators to explore the possibly

of a bond referendum that must address the following:

providing active learning environments in which all students

calling for a Special District Meeting on Tuesday, June 14, 2016

There are four components to the proposed tax neutral bond,

Building Upgrades and Repairs, and (4) the Chappaqua Public

Library. Click on any of the links below for more information

• 21st Century Libraries/Media Centers at each

elementary school and Greeley

• 1 at each middle school, 1 at Greeley

• Quality-of-life and safety concerns

(1) Educational: Indoors, (2) Educational: Outdoors, (3)

other, and are setting their own learning goals.

can perfect these 21st century skills each day.

✓ Six schools and the public library

✓ Keeping the tax levy neutral

on the proposed bond projects.

♦ Global Learning Centers

◆ <u>STEAM Learning Centers</u>

 Interdisciplinary Humanities

♦ Infrastructure

♦ Fields

◆ Instructional Centers at Greeley

- Tripping hazards

• Upgrades and maintenance

- Driveway repaving

• Health and safety concerns

- 1 at Bell (side field)

- Playground renovations

- Greeley auditorium and K110 upgrades

- Improperly functioning classroom doors

Environmentally-friendly synthetic turf fields

- 1 at Greeley (Competition Field)

• Sprinkler systems at Seven Bridges

• Bathroom near Competition Field

• Drainage and sod at Greeley (C Field)

- Roof leaks

✓ Education

✓ Maintenance

✓ Health and safety

teaching and learning—environments where

both individually and collaboratively by using

QuickLinks

• 2016-2017 School Calendar

• Chappaqua Continuing Education Spring Course Catalog • Remaining meeting dates regarding the 2016-17 School Budget

• Application for Maker-STEAM Academic Summer Camp Application for the Greeley Writers Camp • Video: Building Skills for Post-High School Success

electronic newsletter from the

www.ccsd.ws April 2016

Chappaqua Central School District

• Download the ChappApp

• Sign up to receive eNewsletters from the Town of New Castle

Scholarship Competition

13 students are now Finalists in the 2016 National Merit In September 2015, it was announced that 13 Greeley students were among the 16,000 high school seniors nationwide to be named

this distinction by scoring among the top 5% of more than 1.5 million students who entered the 2016 scholarship program by taking the 2014 Preliminary SAT/ On February 10th it was announced that all 13 semifinalists

are now Finalists in the 2016 National Merit Scholarship

a Semifinalist in the 2016 National Merit Scholarship Competition. They received National Merit Scholarship Qualifying Test.

Lyle Paskowitz Graham Blair

Competition, which now represents the top 1 percent of students taking the exam nationally. Congratulations to: Christopher Evanko Jordan Schmolka Liam Fenlon Tyler Sherman Katharina Gschwind Jaret Stillman

Catherine Larkin Teresa Tseng Marc Xie Molly Lesser

Joshua Nadel

To become a Finalist, they had to complete an application

process that included their high school transcripts, personal essays, and letters of recommendation from their school counselors.

Connecticut. The Prospector Theater provides for meaningful employment and

At the Prospector Theater, it's the people that On March 1, students at Seven Bridges

Middle School had a special assembly with Valerie Jensen, the founder and director of the Prospector Theater in Ridgefield,

adults with disabilities opportunities

make the place

vocational training. While many of the people working there are people who might be labeled as "unemployable" due to their "disabilities," Valerie and her friends Mike "Munchie" Santini, and Rachel Wise spoke to students about how limiting labels can be in the way that

we see, accept and interact with people. They challenged students to think "outside the pencil box" and recognize that everyone has their

own unique abilities and talents.

With Chappaqua being an inclusive school district, the presentation also focused on how labels can cloud the judgement of how people are seen and accepted and what they might be and be capable of.

label "inclusive school" helpful to us? • The Prospector Theater has a clear mission. Does our inclusive school need a clear mission? RBS celebrates 65 years of being "the most inviting place in town"

How are labels limiting to us at SB?

Quaker Road opened its doors to students for the first time. On a Friday afternoon, some sixty-four years and 364 days later, students, staff, parents, retirees and other special guests gathered in the gym to celebrate the school's 65th anniversary. Roaring Brook School

bigger now! A lost tooth, a few more inches on the growth chart, a new skill you've learned, or more challenging books you can read that you couldn't read before. And you stop to recognize the passage of time. You realize...you are older. You are bigger, smarter, and you know more than you did before. Amy then asked, "So, how do we celebrate Roaring Brook's

birthday? Well, can a building grow? Does a building get

Students began to realize they were not celebrating the brick walls. What makes Roaring Brook special are the people, and

they were celebrating all of the people who were there right

now and all of the people who came before. They were there to

master of ceremonies and began the festivities by welcoming

the special guests in attendance--former teachers and staff and

celebrate 65 years of the people who make up Roaring Brook's stories across the years. "We study the past to understand the present. We understand the present to guide the future." - William Lund Amy went on to say: So, why is history important? Because the stories we've made along the way tell us who we are now, who we were, and who we hope to be in the future. It's our shared experiences

and students will look back on photographs and stories of

us and say, "What did we learn from those students and teachers in 2016?" Our stories and the experiences we have

together as a school will guide what children at Roaring

Brook will experience years from now. So, why is history important? It's important because we can learn from mistakes we've made in the past. We can look back at events that happened, and learn from them, so that we can make better choices in the future, and become a better person."

The Chappaqua Central School District began as a one room schoolhouse, originally called the Roaring Brook Schoolhouse, built in 1914. It was the second public school built in this area and was located on McKesson Hill Road. In 1928, what is now Robert E. Bell Middle School was built, but then it was called Horace Greeley School and it housed the entire school district, grades 1-9 at first, and then grades 1-12. (The Roaring Brook Schoolhouse is now a private residence.) Robert E. Bell was the first District principal of Greeley School, followed by Douglas G. Grafflin, who became the second District principal. In 1951, as the population grew, vacant farmland and woods on Quaker Road became the new location of Roaring Brook

School, the first elementary school of the District. When the

Next came a discussion of what is new at Roaring Brook since 1951, what has remained the same since 1951, and what did

To conclude the celebration, everyone sang "Happy Birthday" followed by the world premiere of the "PRIDE Song," and of

course a rousing rendition of the "Roaring Brook School Song."

... Diane Wendel for coming up with the innovative idea to

celebrate this momentous occasion and for organizing all the

...the Building Planning Team--Chris Eidem, Jennifer

Mezzancello, Rosalie Kissmann, and William Yang--for

investing the time to develop the ideas for this celebration,

...and Lori Wilken, Danae Richards and RBS PTA for the

festive decorations, refreshments, and community outreach.

details, the slideshow and the artifact displays,

present-day Horace Greeley High School was built in 1957, the Horace Greeley School became the Robert E. Bell Middle School and the District's other two elementary schools were built over a 20-year period--Douglas G. Grafflin in 1962, and Westorchard in 1971. A second middle school, Seven Bridges,

was built in 2003.

Special thanks to. . .

items cost in 1951 compared to 2016?

HRC visits HGHS On March 31st, Horace Greeley High School hosted a visit from former Secretary of State Hillary Clinton. She met with students in a Contemporary Issues government class and answered their questions on a wide range of topics. She even asked students a few questions of her own on how they are using the iLab for multi-disciplinary project-based learning across all subjects from the humanities to the sciences.

Wins pile up for Greeley researchers

Just about a month after their impressive showing at the

Junior Science and Humanities Symposium at John Jay High School (14 medals were awarded to Greeley students 22 seniors

at the 16th annual Westchester Science and Engineering Fair.

Students again showcased their multi-year research projects in

the form of a formal poster presentation, and were adjudicated

environmental studies, psychology, engineering, and business.

by local experts in the fields of life science, physical science,

ASM Materials Education Foundation Award

ASU Walton Sustainability Solutions Initiative

(Computational Biology & Bioinformation)

Mu Alpha Theta Award

Alexis Hoane ~ "Effect of Irradiative Pretreatments on

Biodegradability of Polypropylene Films" (Environmental)

Jeffrey Liu ~ "Using Modular Response Analysis of LINC

L100 Data to Determine the Network Structure of the Five

Genes Crucial to Induced Pluripotent Stem cell Development"

Anna Lampe ~ "Use of the Microsoft Kinect 2 as a state of the

art tool to quantify balance and fall risk" (Medicine & Health)

competed this time against 550 students from area high schools

Cari Himel ~ "Examining the Role of Bilingualism on Executive Control Performance in High School" (Behavioral Matt Kaufman ~ "Physical Properties of Quasi-Two Dimensional Layered Ruthenium Oxides" (Physics & Jake Klein ~ "The Effect of P63 Knockdown on the Genomic Instability Considerations for Cellular Reprogramming (A study about improving cardiac function and finding ways to

treat heart disease)" (Cellular & Molecular Biology)

Hospital Process" (Medicine & Health)

Communication" (Computer Science)

(Rattus norvegicus)" (Medicine & Health)

Alexis Hoane

Matt Kaufman

Urothelial Carcinoma" (Medicine & Health)

4th Place Medals

Ian Odland ~ "eDischarge: A Novel Approach to the Inpatient

Dia Bhatti ~ "The Use of P16 and Ki-67 in the Detection of

Jessica Leason ~ "The Effect of Single Nucleotide Variants on

Jordan Schmolka ~ "Molecular Detection of a Potential Yersinia

Josh Goodman

Katharina Gschwind

pestis DNA Homolog in a Global Sample of Wild Brown Rats

Autism Spectrum Disorder" (Cellular & Molecular Biology)

Katharina Gschwind ~ "Disaster Manager: Design and Usability Testing of a Mobile Application for Emergency

Save The Date! CSF Spring Benefit on April 29th Please join the Chappaqua School Foundation (CSF) for its Spring Benefit on Friday, April 29th at 7pm at Trump National Golf Club in Briarcliff Manor. Proceeds fund educational innovation and excellence in Chappaqua schools. Chappaqua School Foundation 22nd Annual Spring Benefit Every School € Every Grade € Every Student

Join your friends and neighbors for a casual evening (yes, you can wear jeans!) featuring an informative showcase of recently

also are required to write a scientific abstract and paper, and present their findings orally at the Greeley Science Symposium.

Knowledge Cafe - 7pm (HG/iLab) April 21: HG Chamber Music Concert - 7:30pm April 22: Early Dismissal - PM Staff Development April 27-28: HG Repertory Theater Production - 7pm April 28: School Budget Q&A - 9:30am & 7:30pm (SB) April 29: Chappaqua School Foundation Spring Benefit - 7pm April 30: Westorchard Musical - 12pm & 3pm (SB) May 3: SB Chorus Concert - 7:30pm May 4: Bell Chorus Concert - 7:30pm (SB) BoE Meeting - 7:30pm (HG) May 5: HG Concert Band/String Orchestra Concert - 7:30pm May 6: Westorchard Family BBQ - 6pm May 10: Bell Grs. 5-6 Orchestra Concert - 7:30pm SB Band Concert - 7:30pm May 11: Bell Band Concert - 7pm (SB) May 12: HG Symphonic Band/Stage Band Concert - 7:30pm May 13: HG Puritan Comedy Improv - 7:30pm

May 14: Chappaqua PTA STEMFest - 9am-2pm (Bell)

HG LIFE Junior Portfolis - 6:30pm (iLab)

May 18: HG Art Show - 3pm-4pm & 6:30pm-7:30pm

HG Orchestra Concert - 7:30pm

SE PTA Meeting - 7:30pm (HG)

May 24: Junior Awards Ceremony - 3:30pm

Bell Grs. 7-8 Orchestra Concert - 7:30pm

• Click <u>here</u> for the complete calendar of upcoming events.

SB Orchestra Concert - 7:30pm

May 19: Grafflin Family BBQ - 5:30pm

May 17: Budget vote and board member elections - 7am-9pm (HG)

HG Earth Science Project Night - 7:30pm (K205/206)

Upcoming Events

School Board/Library Board petitions due - 5pm

April 18: Coffee and Conversation with Lyn - 9:30am (SB)

Tutees come to the club in three ways: 1) self-initiated, 2) parent initiated, 3) teacher referrals. There have been 87 one-on-one

tutoring sessions helping over 35 students from grades 9-12, with some students returning multiple times over a 15-week period, Peer tutors are available for the following courses (new courses are added frequently) **SOCIAL STUDIES** WORLD LANGUAGES Global Studies • Spanish 1-5, 9, 10, 11 • Chinese 1-4 European Civilization • French 1-3, 9, 10, 11 Algebra and below • AP European History • Latin 1-3 American History • AP American History • Enriched Algebra 2

relationship to the world. Critical thinking, collaboration and communication are cultivated. Aesthetic experience and connections Now in its 33rd year, the Young Artists Exhibition at the Katonah Museum of Art showcases the extraordinary talents of nearly 400 young artists from schools across Westchester, Putnam, Rockland, Dutchess, and Fairfield counties. Congratulations to Greeley seniors Jeremiah Chikota, Rachel Hellman, Shail Highbloom, Leo Jagels, Courtney Kay, Laura Li, Julia Lubarsky, Trevor Miller, Justin Schachter, and Jordan Schmolka on being selected to exhibit drawings, photography and mixed

> **Shail Highbloom** Jillian Matluck Jeremiah Chikota *Valley of the Shadow of Death* Jordan Schmolka Photography Talkeetna

Laura Li **Portrait** Pen & Ink Drawing

Julia Lubarsky

Sheer

Photography

On March 19, 1951, Roaring Brook Elementary School on

How can we expand any of our views that might be limiting?

As an inclusive school, do we have any use for labels? Is the

Amy Fishkin, the school's 6th principal since 1951, served as the

past administrators who have played a key role in RB's history. Amy then reminded students that when they celebrate a birthday, it's a special day. "When you turn 5, or 6, or 10, it's a big deal! You have reached the milestone of another year of life," Amy said. "You celebrate the things that make you a little You've grown!"

smarter? What is the significance of this day?"

together, within these walls, that define our past, present, and future. Some of your experiences here will guide you to become the person you will be in the future. Maybe a gradelevel performance will spark an interest in becoming a singer or actress. Maybe a teacher who has a significant impact on you, will influence you to become a teacher one day. Or a coding activity will inspire you to become a computer programmer. All of our past experiences make us who we are today and guide us towards what we hope to be in the future. So, why is history important? We ARE the past. At some point in the future, when Roaring Brook celebrates its 100th birthday, we will be the history of Roaring Brook. Teachers

Amy then took the audience back in time and presented a brief history of the Chappaqua Central School District. Until the mid-19th century, about eight small, windowless, one-room, private schoolhouses served to educate the youth of the area. In 1870 the Quakers built a large school called the Chappaqua Mountain Institute on Quaker Road. It now belongs to the Children's Aid Society and is known as Wagon Road Camp.

Stockholm Junior Water Prize Zoe Arditi ~ "Rusty Crayfish (Orconectes rusticus), Trapping, Water Quality and Field Assessment" (Environmental) Office of Naval Research Award Teresa Tseng ~ "miR183 and miR21 Regulate COX-2 Mediated Inflammation in Nitrogen Mustard-treated Pam212 Keratinocyte Cells" (Biochemistry) Marc Xie ~ "Application of Polyphenols to treat inflammationmediated depression phenotype in a mouse model of depression" (Behavioral Science) **Intel Excellence in Computer Science** Dorothy Shek ~ "Machine Learning for Financial Risk Management" (Computer Science) 3rd Place Medals

The Science Research course offered at Horace Greeley High School requires a three-year commitment from students. The goal of this course is to give students the opportunity to pursue areas of interest in science by providing meaningful, handson learning experiences that enable students to access and critically analyze information, pose substantive questions, and communicate effectively. Students are responsible for finding a mentor, developing a research plan and conducting their own Typically, students spend 6-10 hours per week working on their research. Some students experience several months of working in a lab or science facility with science or technology mentors who provide guidance and supervision as students conduct their research, while others have chosen to work in the high school labs closely monitored by their teachers. The types of research projects students are working on this year include robotics, mathematics, computer programming, microbiology, engineering, earth science, and environmental studies. They

funded grants presented by students and faculty, an extensive silent auction, great food and great company. As an added bonus, your ticket purchase also provides you with an all-access pass to Spring Madness--more than a month of discounts and special offers from participating local merchants and restaurants. CSF promotes educational excellence by driving innovation in Chappaqua schools. Thanks to the generosity of this community, funding is possible for necessary and important school investments that otherwise are beyond the scope of the school budget. Since 1993, CSF has raised over \$3 million and funded over 270 innovative educational grants investing in every subject area, classroom, grade and school in the District. The Chappaqua School Foundation looks forward to sharing this special evening with the community in support of educational innovation and excellence in Chappaqua schools. Please click <u>here</u> for more information about CSF and to purchase tickets to the benefit. • Please click here if you cannot attend but would still like to donate. Students discover the shocking truth about electricity

The third-grade science curriculum includes a unit of study

"How does electricity work?" While engaged in the process of science, which includes observing, questioning, predicting,

hypothesizing, conducting investigations, analyzing data, and

investigated the properties of electricity, examined the flow and

control of electricity, and studied the concept of the cycle as it

relates to electricity. Additional topics included the application

To conclude the unit of study on electricity, District 3rd-graders had a

shockingly good time on March 2nd

learning even more about electricity

thanks to the PTA's cultural enrichment

committee and the Franklin Institute's

traveling science show. Demonstrations

on how electricity works and some

of the major discoveries that helped

harness electricity for further use

and safe use of electricity along with a discussion on the conservation of electricity and the resources used to create it.

highlighted the special assembly.

unraveled the mysteries of static

Students' hair stood on end as they

electricity, and they were awestruck

as electricity went through the air to

power fluorescent light bulbs. A few luck volunteers were even turned into

topic of current electricity.

a human "circuit" while discussing the

April 15-16: HGHS Senior Musical

communicating their findings in a variety of ways, students

on electricity, seeking to answer the essential question of,

• Click here for the Athletics Calendar. . . .from the 2016 Valentine's Day edition of "The Greeley Tribune," written by Contributor Julia Birnbach. This year, a Peer to Peer tutoring club (P2P) has been introduced. The club's founder and president, Rahul Acharya (11th), was inspired by peer tutoring programs at Bell Middle School and Byram Hills, and created P2P as an incredible way for students who need help in a variety of subjects to get easy, accessible, and fun mentoring from their own peers. Getting tutored by your peers is an entirely unique experience that P2P has orchestrated well. Peer tutoring offers an individualized and creative way of learning that has The earliest forms of peer tutoring can be traced back to none other than Aristotle himself. He was famous for having archons-student leaders who educated their peers. Even in Ancient Greece, people saw the value of learning from those around them. Peer education is also instinctive: it's pretty common to see a group of Greeley kids in the library all studying for the same test or working on the same homework. We learn well from people who share experiences with us and are on our level. It's why we're always asking our peers, "What did you get for question 7?" or "How was the Euro test?" Learning how to do a math problem from your adult tutor, who knows logarithms like the back of their hand, is different than learning from your friend, who learned logs last year and remembers what it's like to be shaky on them. There is a real advantage to having your teacher be someone who has recently been in your

> Subject Chair: Subject Chair: Andrea Steiner (11th) Rebecca Schelling (11th)

workshop where artists were introduced to contemporary examples of graphic arts and analyzed the elements of successful design in

Acrylic Painting Leo Jagels Wendigo Ink Drawing

Trevor Miller

Black and White

Photography

Following the assembly, students had an opportunity to reflect on the presentation and then engaged in conversations about meaningfully including students who may not look or act as they do. Some of the questions students explored included: How does the use of labels limit our lives and experiences?

◆ <u>Chappaqua Public Library</u> New adult quiet area and meeting space • New children's area and enclosed teen zone • Family bathrooms that are ADA compliant New café The time is right for proposing a bond because we have the unique opportunity to keep our bond tax neutral and save money in the long-term. Every child in every building will have access to new learning spaces. If we do not have a bond referendum now, we will have school budget and tax levy increases later to specifically address our aging buildings and

State Education requirements. In addition, at this time interest

information and to ask questions leading up to the June 14th

rates are low and New York State will reimburse us for 1/3 of the

bond referendum. To get started, I invite you to take a look at the **bond referendum webpage** we've created. There you will find much more detailed information including presentations and videos, a list of proposed projects, conceptual drawings, a Q&A regarding synthetic turf, time lines, and an online form that you can use to submit questions and comments. Please remember to check this page often as new items will be posted as they become available, and please remember to vote on

There will be many opportunities for you to get more

cost of each project over the next 15 years.

June 14, 2016. Best, Lyn **BoE adopts 2016-2017 School Budget**

On Wednesday, April 13th, the Board of Education voted to adopt the proposed 2016-2017 school budget of \$118,225,288, which represents a \$323,600, or 0.27% increase over the current budget. There is no increase to the tax levy, and since this budget is below the tax cap, eligible homeowners will receive a property tax rebate from New York State. The proposed 2016-2017 school budget will: Align personnel based on the District's mission, the Board's strategic questions, and administrative operating standards.

Residents vote on May 17th

students. • Continue to develop a digital learning environment that prepares students to live, learn and work in a globally networked society. Expand professional development around teaching and learning practices related to innovative learning spaces. • Support 80 athletic teams at all levels of competition. Adjust personnel to effectively manage enrollment at all schools.

• Strengthen the social/emotional/health supports for all

Click <u>here</u> for voter registration and absentee ballot application

The answers to this essential question will be discussed by

Assistant Superintendent for Curriculum and Instruction; Dr. Chris Dede, Wirth Professor in Learning Technologies at

Harvard University; and Jay Litman and Chris Hazleton from

International at a Knowledge Café on Monday, April 18th from

The iLab at Horace Greeley High School and the Bell Learning

multi-purpose, educational environments here in Chappaqua.

the architectural and educational design firm Fielding Nair

7pm to 9pm in the iLab at Horace Greeley High School.

Lab at Robert Bell Middle School are current examples of

Dr. Lyn McKay, Superintendent of Schools; Eric Byrne,

Click here to view the 2016-2017 school budget book and the January-April budget presentations made during Board of Education meetings. (Printed copies of the budget book will be available beginning April 25th at the main office of each school, the front desk at the Education Center, Town Hall, and the Chappaqua Public Library.) Residents will now have an opportunity to vote on the school budget on Tuesday, May 17th between 7am and 9pm in the Horace Greeley High School Gymnasium.

Use of space and advanced technology

Why is the Chappaqua Central School

District moving toward providing new,

larger, flexible, learning spaces equipped

to support students, K-12

with advanced technology?

information.

Knowledge Café

They feature cutting-edge technology along with innovative, open floor plans to support small and large group instruction, independent study, team collaboration, project-based learning, and presentations. This Knowledge Café will focus on the continuing study of, and use of, space, time and technology throughout the District in order to extend current classroom work and to further incorporate: Project-based learning • In-depth inquiry Formulating questions and researching

Task-based self-directed learning

Communicating work to a variety of audiences

World language teachers are "living Latin"

To facilitate the planning process, please take a moment to <u>RSVP</u> by Sunday, April 17th. We hope to see you there.

To start their February break, three world language teachers

joined more than 130 participants from throughout the U.S.

(and several other countries) at the two-day "Living Latin in

Held at Fordham University's Lincoln Center Campus, the

conference was designed to allow teachers and students of

Latin to explore and practice the active use of Latin in the

practices. The program also included lectures on various

New York City" conference sponsored by the Paideia Institute.

classroom. The sessions were conducted in Latin and provided

an opportunity for participants to discuss ancient, medieval, Renaissance and Neo-Latin texts as well as instructional

aspects of Latin language and pedagogy, and offered smaller

sessions in which participants practice spoken Latin techniques

themselves. And daily coffee hours and a group dinner allowed

Multi-disciplinary projects

Creativity

Problem solving

for the informal exchange of ideas with other teachers. They had a wonderful time and are eager to bring what they have experienced to the classroom.

l to r: Meredith Boonshaft (BS), Michelle Ramahlo (SB),

Westorchard 3rd-graders compete in "The Last Great Race"

sub-zero temperatures and gale-force winds, which can cause

brain child of the late Alison Guerra," explained Instructional

Technology Coach, Ellen Moskowitz. "She wanted to build off

exciting and engaging for the students." The two collaborated to create a unit that incorporated the design process as well as

The students studied the Iditarod through various websites and videos. They researched the trail, the mushers and the sleds before being introduced to the idea of designing their own sled. Moving through the design process with the support and instruction from Instructional Technology Coach Carolyn Elwood, groups of students brainstormed, designed, prototyped and then constructed life-size sleds that reflected the individual

interests and personalities of the team members. The student used materials collected by the community for the build, and as

the students were creating, the Iditarod trail was being planned.

While the real Iditarod race has 24 checkpoints along the route,

the plan was for the students to move through the main floor of

Westorchard, stopping at 15 checkpoints along the way. At each

real race. There were Dog Sled cards, Weather cards, and Trail Encounter cards with situations that would either help or hurt their overall race time. For example, one Sled Dog card read, "Your sled dog team is running in rhythm and making good time. Subtract 5 minutes from your time tracker log," while a Trail Encounter card read, "A pack of wolves was spotted nearby and have made your sled dog team nervous. Add 2

The students worked together to not only move through the

halls with their sleds, but to calculate and keep track of the

time gained or lost at each checkpoint. They really enjoyed the

process and the race itself while having an authentic learning

experience. "After her

teachers felt it their

project in her honor,"

Ellen said. "I think

passing, the grade-level

mission to carry out this

Alison would have been

research skills and real-life experiences.

checkpoint, teams would

encounter a roadblock or

a challenge that would

extend or shorten their

race time. The scenarios were based upon real events that could and/or have happened during a

minutes to your time tracker log."

the District's mission to provide an active learning environment

"The Iditarod event for 3rd-graders at Westorchard was the

The annual Iditarod Trail Sled Dog Race in

Alaska began in 1973 as an event to test the best

sled dog mushers and teams. A team of 16 dogs

would typically cover the 975 mile course from Anchorage to Nome in 9–15 days or more, racing

through blizzards causing whiteout conditions,

for the students through

project-based learning.

Before her passing, she

and I sat down many times to map out how we can revise the old Iditarod unit and make it more interactive,

and Nicole Diamente (HG)

the wind chill to reach -100 °F.

The Alison Caso Guerra Memorial Scholarship GoStride fundraiser on May 1st at 2pm Alison Caso Guerra was an influential teacher at Westorchard Elementary School for 12 years. She inspired those around her to work hard to exceed expectations and fulfill their dreams. Before her untimely passing, Alison touched many lives in the Chappaqua community. This scholarship award will be given annually, beginning June 2016, to a Greeley graduating senior in loving memory of Alison, as a way to remember her and allow her legacy to live on in the District. Please click here for the GoStride Fundraiser registration form or to make a donation in any amount.

the Lower Commons.

Joining Lyn will be Eric Byrne, Assistant Superintendent for

Literacy; and Heidi McCarthy, Director of Special Education

Curriculum and Instruction; Mary Ford, Director of K-12

Math students set the bar at Bell Middle School

and display proportional relationships.

does he have left?

Mr. Benson's Share is

increasingly complex problems.

Save the dates for two upcoming musicals

Did you miss opening night?

Don't have a cow, man. . .there are 3 performances remaining.

In the style of movies such as *Back To The Future*,

Ferris Bueller's Day Off and The Karate Kid, the Class of 2016

is taking you on a journey. A journey back to a time when

Michael Jackson and Rick Astley were the Kings of Pop. . . A journey back to a time when bubble skirts and blue eye shadow

were cool. . . A journey back to a time when the Atari gaming console was considered cutting-edge technology. . .

Horace Greeley High School

proudly presents this year's Senior Musical. . .

April 15th at 8pm

April 16th at 2pm & 8pm

Horace Greeley High School Auditorium

Tickets are \$20 and available online.

All proceeds go to the Horace Greeley Scholarship Fund.

Westorchard Theater Company

proudly presents a musical adventure

filled with magic, mayhem and the power of love.

April 30th at 12pm & 3pm

(Seven Bridges Middle School)

Tickets are available online.

Based on the iconic animated film with an Academy Award-

winning score, the street urchin, Aladdin, vies for the attention

of the beautiful princess, Jasmine. He uses a genie's magic

power to become a prince in order to marry her.

The cast and crew will take you on a magic carpet ride

filled with romance and adventure.

Chappaqua has students composing personal essays, personal

writing strong and focused personal narratives by utilizing the

For personal essays, students gather and record ideas by paying

close attention and noticing specific details about their world

before selecting one main idea to develop. Once the main idea is introduced clearly in the opening paragraph, sub-topic paragraphs from the main idea are generated. Within each new

paragraph, the sub-topic is stated and supported with facts, details, personal narratives, quotations, or other information

the time period?

Whatever the genre, revision and editing strategies, along with

writing conventions such as capitalization, sentence structure,

punctuation, paragraphing, usage/verb tense, parts of speech, and spelling, play a key role in developing young writers who

can convey one's thoughts, concepts, ideas, and facts in a clear

www.ccsd.ws

Writing historical fiction allows

students to describe the setting and

problem/solution structure in order to

build suspense through rising action or

take notes about a time period, and then

check facts for accuracy before revising

their writing for believability--does the

plot and language used make sense for

Baseball

Golf

Lacrosse

Softball

Boys Tennis

Track & Field

"If there's one thing that I want people to know, it would definitely be that it is a fun, creative, and non-intimidating learning environment. I would like to encourage more students to try the sessions to judge for themselves," said Acharya. With an idea so

There are currently 43 tutors from grades 9-12 (22 girls and 21 boys). By the numbers, 82% of world language tutors are on the accelerated track, 75% of science tutors have or are currently taking one or more science APs, and 64% of math tutors are on the

Besides the GPA requirement, prospective tutors must provide a teacher reference for every subject area that they wish to tutor. Prospective tutors also are asked to provide a list of courses they currently take to give a sense of their academic interests and abilities. Last, but perhaps most important, after a tutoring session is over, feedback is collected from the tutee through the club's

MATH

Math 9 Honors

• Math 10 Honors

Enriched Algebra

& Trigonometry

Enriched Geometry

 Enriched PreCalculus AP AB Calculus AP BC Calculus

• Algebra 2

Geometry

PreCalculus

Subject Chair:

James Wei (11th)

media work. They also had the opportunity to learn about, and participate in, every aspect of the exhibition process, from writing artist statements to installing the art in the galleries. The Katonah Museum of Art's education staff and installation crew introduced students to the concepts and skills involved in curating and hanging a professional exhibition. A team of KMA volunteers works behind the scenes, providing support to the students during the multi-day installation. There also was a full day graphics design

Java

tension. They would first research and

shape the characters while using a

structure and routines of writing workshop. They recall ideas

A problem to solve using bar modeling might be:

A) How much is Mr. Benson's share?

Fifth grade math students at Bell are using bars to model

quantity with a question mark help students visualize the problem and know what operations to perform by showing relationships between amounts and breaking down the language in word problems into expressions and equations.

problems that involve the four operations both with whole

numbers, fractions, and ratios. The use of the rectangular bars

as a problem-solving tool and the identification of the unknown

Historically, math students were taught a variety of strategies for problem solving, including "draw a picture." This usually meant drawing objects, animals, or counters, which is not very efficient when you move to larger whole numbers or fractions. Students are now learning to abstractly represent these objects with rectangles that enable them to see the number relationships. Rectangular bars are used because they are easy to draw, divide

Mr. Benson and Mr. McKenzie have \$4,686 altogether. Mr. Benson's share is twice as much as Mr. McKenzie's.

B) If Mr. Benson spends \$500 on books, how much

The topic will be, "Literacy instruction in Chappaqua

(You don't need to have a child at SB in order to attend.)

All school community families are invited to join Superintendent of Schools Lyn McKay

for some coffee and informal conversation on Monday, April 18th between 9:30am and

10:45am at Seven Bridges Middles School in

Coffee & Conversation with Lyn

schools."

and Related Services.

\$4,686 +3=\$1,562 1.562 X2=93,124 What makes bar model drawing so effective is less about the specific model—the rectangles—than the systematic and consistent way it is taught. In Chappaqua, each grade level addresses bar modeling distinct operations and number relationships—addition and subtraction in second grade, multiplication and division in third, fractions and ratios in fourth and fifth—so students can visualize and solve

notebook and are learning to differentiate between the important "big idea" and the lesser details. Their writing can focus on a specific event or a short span of time, and often include the use of vivid language and elaborate details, including elements of surprise, to give readers a sense of

from their lives taken from their writer's

engagement or to bring out a mood or

related to the topic.

and concise manner.

One Team...One Dream!

Did you know that the Chappaqua

Central School District has

26 teams competing at all levels

this spring sports season?

Click <u>here</u> for a complete schedule of

upcoming games and matches

or call The Sports Hot Line

at 914-238-7201 (press 5, then 1).

Join the Greeley Sports Boosters

HGHS Club Spotlight ~ P2P Tutoring

proven to be really effective.

Grafflin's fourth-graders have the 'write' stuff

A part of the fourth grade writing curriculum here in

narratives and historical fiction. At Grafflin, students are

Greeley students are beginning to see this advantage. "I think [peer] tutors sometimes are more English relatable to students. Also, [peer] tutors who have taken the courses can remember specific knowledge ✓ Social Studies from the class and can give better advice to students," said senior and peer tutor Chris Evanko. "It's ✓ Math ✓ Science less formal and more friendly." World Languages It's truly a two-way street between the tutors and tutees. In fact, there is even role-reversal. "There have ✓ Standardized Tests been times when one student has received peer help, and then 15 minutes later, they helped another or more information, please visit: tinyurl.com/hghsp2p student with something else," said Acharya. This demonstrates the sense of community in peer tutoring that creates a unique and safe learning space. The wisdom behind peer education can be seen through the immense success of the club. In its first two months, the club has gotten 40 tutors involved, and 31 kids have been tutored in just six meetings. One of the best elements of P2P is how accessible and modernized it is. It's a club that is efficient by design; the process of getting a tutor is done in a few seconds online for a generation that is all about technology. Students who want to be tutored simply fill out a short form by 6 p.m. the night before, and can meet with tutors during the MUB and/or Wednesdays after-school, and in the library conference room. This form and additional information on the club can be found on an easy to use Google site (CCSD login required). A link to this site is available under the "Academic Support" page under the "Students" tab on the Greeley home page." To be a tutor, it is important to have certain skills. "Foremost is the ability to relate with the tutee. Humility, empathy, patience, and good listening skills go a long way in building such understanding," said Acharya. "A good tutor is also one who is able to make the tutee feel good about himself or herself and help them use their strengths to overcome their weaknesses." For those students who are nervous about being tutored by a peer, these "requisites" for tutors provide a sense of comfort, since the tutors chosen are people who create a safe and fun learning environment. As for what's in store for the P2P, the possibilities are endless. Math teacher and department chair, Mrs. Margaret Breen, is the club's advisor. She and Acharya have discussed making tutoring available through Skype sessions and even an app. And recently, tutors have started to aid teachers in review sessions.

great, there is a ton of promise for what's to come for P2P.

8 tutees going to the club every week, and others going as needed.

SCIENCE

Living Environment

website or through Facebook or texting.

honors track.

ENGLISH

•English 9/10

 Chemistry A Chemistry B AP Biology AP Chemistry Physics AP Physics 1 Subject Chair: Subject Chair: Lucy Benack (11th) Chris Evanko (12th) Young Artists thrive at Greeley The Chappaqua Art Department is committed to providing a supportive and challenging environment to explore and create. They foster creativity, curiosity, hands-on problem solving, visual literacy, personal expression and a reflection on an individual deepen understanding of past and present cultures, and help us imagine and create the future.

preparation for their own work of designing an exhibit invitation. The Exhibit ran for two week from February 7th to the 21st.

Justin Schachter Melvin Graphite Drawing

Taurus Drawing

Sam Birenbaum Shail Highbloom **Courtney Kay** Untitled Digital Media

Rachel Hellman

A Moment of Fleeting Time

Digital Media