Ashford Board of Education

Meeting Minutes – March 17, 2016

7:30 p.m.

Note: Per C.G.S. §10 – 218, Board of Education meeting minutes are provided in a draft format within 48 hours of the date the meeting was held. With the exception of motions and votes recorded, these minutes are unofficial until they have been read and approved by a majority vote of the Board. Should edits be necessary, they will be made at a regularly scheduled meeting, noted in the meeting minutes, and so voted upon.

Call To Order

Board J. Rupert called the meeting to order at 7:38 pm. Present were members J. Calarese, J. Lippert, K. Warren and M. Matthews (7:44 pm). Also present were Superintendent Dr. J. Longo and recording secretary J. Barsaleau. Unable to attend were Business Manager D. Neel, and board members L. Donegan and K. Rourke.

Persons to be Heard

None

Communications

J. Rupert acknowledged receipt of the following communications:

- Letter from M&J Transportation concerning student transportation
- Letter from the DPH requesting copies of annual asbestos notifications from 1990-2000

Approval of Minutes: 02/18/2016; 03/03/2106 (special)

Motion made by K. Warren to approve the regular meeting minutes of 02/18/2016, motion seconded by J. Lippert and carried with one abstention (J. Calarese).

Motion made by J. Lippert to approve the special meeting minutes of 03/03/2016, motion seconded by K. Warren and carried unanimously.

Administrative Reports

Administrative reports by the Principal, Asst. Principal and Director of Pupil Personnel were provided to members prior to the meeting. Future planning for report presentations by these administrators followed.

a. Superintendent

The Superintendent's report was reviewed. Discussion of tech ed space renovation plans, high school transportation and school bus purchase followed. The subject of Dr. Longo's next Ashford Citizen article will highlight after school enrichment programs and opportunities.

b. Business Manager

It was noted that D. Neel and K. Rourke are in attendance at the Board of Finance meeting. Mr. Neel's written report was reviewed.

1. Request Approval of Financial Statement through February 2016

The board acknowledged there were no contractual payments to, or for the benefit of the Superintendent through the month ending February 2016.

Motion made by J. Rupert to approve the financial statement through the month ending February 2016. Motion seconded by J. Lippert and carried unanimously.

New Business

a. Staff Resignation

An email notice of resignation was received from driver Carol Krupa effective February 28, 2016.

Motion made by J. Lippert to accept with regret, the resignation of Carol Krupa effective February 28, 2016. Motion seconded by J. Calarese and carried unanimously.

b. Recreation Dept. Request for Transportation

Ashford Parks and Recreation has requested transportation for a group of students from Ashford School to the recreation department's swim club at the Evangelical Christian Center for a period of six weeks beginning 3/28/16.

Motion made by J. Lippert to approve the transportation request of Ashford Parks and Recreation Dept. from Ashford School to the Evangelical Christian Center for the specified period. Motion seconded by M. Matthews and carried unanimously.

c. Discussion: BOE Meeting Minutes

J. Rupert summarized communications received from the Town Clerk concerning Board of Education minutes and Freedom of Information regulations. Discussion followed. The Board of Education's minutes violate no Freedom of Information regulations or requirements.

Old Business

a. FY 17 Budget

1. Budget Worksession (if necessary)

Tabled pending outcome of the 3/17/16 Board of Finance meeting.

b. Capital Improvement Plan Follow Up and Discussion

1. Tech Ed Space Design

2. School Construction Grants and Funding

Current improvement plans, acoustical ceiling plans, capital expenditure committee action, school bus purchase, school construction project timelines and STEAP grants were discussed.

J. Rupert read aloud a proposal from Rockfall Construction for design development services for the tech ed space renovation. The proposed cost is $4,800 and covers conceptual design, drawings, project scope and a conceptual budget. This is necessary to move the project forward. The Board directed Dr. Longo to sign the proposal.

Next Meeting Date/Agenda Items

The next regular board meeting scheduled for 4/7/16.

Superintendent Evaluation (Executive Session Anticipated)

Tabled by board consent.

Motion made by M. Matthews to adjourn the meeting (9:15 pm). Motion seconded by K. Warren and carried unanimously.

Recorded by:

Jennifer Barsaleau
Recording Secretary

Attachments: Communications (2)
Administrative Reports (5)
February 2016 Financial Report
Parks and Rec Transportation Request
Proposal: Rockfall Construction

M & J Bus, Inc.

130 Ingham Hill Rd.
P.O. Box 801
Old Saybrook, CT 06475

Phone (860) 388-0263

Fax (860) 388-4188

March 7, 2016

Dr. James Longo
Superintendent of Schools
Ashford Public Schools
440 Westford Road
Ashford, CT 06278

Dear Dr. Longo,

My name is Jon Hipsher, and I work for M&J Bus, Inc. based in Old Saybrook, CT. We were recently awarded the bus transportation contracts for Region 19 and for the Mansfield public schools. Additionally, we presently have the contract for the Willington public schools. We would like to speak with you about handling the school bus transportation for the students of your community. Please contact me at (860) 250-0870 if you are interested in a setting-up a meeting. We look forward to hearing from you.

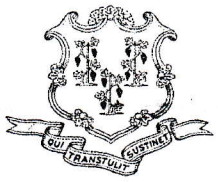
Sincerely,

Jon Hipsher

Jon Hipsher
M&J Bus, Inc.
130 Ingham Hill Road
Old Saybrook, CT 06475
(860) 388-0263 Office
(860) 250-0870 Cell

Rec'd 3/14/16

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH



Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor

Nancy Wyman
Lt. Governor

Environmental Health Section

CERTIFIED MAIL

91 7199 9991 7034 5774 7756

Mar 11, 2016

Dr. James Longo
Superintendent of Schools
Ashford Public Schools
440 Westford Road
Ashford, CT 06276

Warning Letter- Ashford Elementary School and Asbestos Management

Dear Dr. Longo:

The Department of Public Health (DPH) Asbestos Program conducted an announced inspection of the Ashford Elementary School on September 16, 2015. This school was chosen for inspection based on the DPH's *Neutral Administrative Inspection Scheme*, which, among other selection criteria, includes not having been inspected in more than six (6) years.

Kristen Day, Environmental Analyst 3, reviewed the asbestos management plan (AMP) and identified the following deficiencies:

1. The local education agency (LEA) failed to provide asbestos awareness training to one night time custodian. It is the understanding from Michael Akana, Management Planner and the person designated by the district to manage the asbestos program ("designated person") that Mr. Ryan Magaldi, night custodian, had previously received awareness training from past employment. Mr. Magaldi's training was not included in the plan and Mr. Michael Mellady, Lead Custodian was informed that if he could not produce evidence of training, that he would have to provide that training.

On March 4, 2016, Ms. Day emailed Mr. Akana requesting that he provide documentation of asbestos awareness training. On March 7, 2016, Ms. Day contacted your office and requested training documentation through Ms. Jen Barsaleau, Administrative Assistant for the Office of the Superintendent. DPH received this documentation and the LEA is considered compliant in this deficiency.

2. A review of the DPH files indicates that the initial management plan was not approved under the AHERA regulations. See enclosed document dated January 15, 1991. It appears that the LEA annual notification to parents and staff of the availability of the plan was not included with the submission. Please provide dated copies of the annual notification sent out from the year 1990 through 2000. Upon receipt of the letters, the management plan will be approved retroactively to the date of the 1990 or 1991 annual notification sent.

Ms. Day's 9/16/2015 inspection of the school's management plan involved a review of records dating back to the year 2000.

This letter serves as a **written warning** that all documentation was not present in the plan. Records must be retained as part of the management plan for as long as asbestos-containing materials are present in the school. Please provide the necessary documentation to the DPH within the next fourteen (14) days of receipt of this letter. The LEA must keep the management plan current and up to date, including changes in the assignment of "designated person". While the DPH has decided not to proceed with further disciplinary procedures at this time, be advised that sufficient evidence of similar violations in the future may result in disciplinary action. Ashford Public Schools is required to comply with all applicable statutory and regulatory requirements, including, without limitation, the provisions for managing asbestos-containing materials in its schools under the Regulations of Connecticut State Agencies, Section 19a-333-1 to Section 19a-333-13, inclusive.

Please contact me at (860) 509-7371 should you have any questions or wish to discuss this matter further. I look forward to your response.

Sincerely,

Kristin Day for

Ronald Skomro, Supervising Environmental Analyst
Asbestos Program

cc: Ronald Skomro, DPH, Supervising Environmental Analyst
Sharon Hayes, EPA Region 1
Michael Akana, EastConn, Inc.

Ashford Board of Education

Meeting Minutes – February 18, 2016

7:30 p.m.

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Call To Order

Board J. Rupert called the meeting to order at 7:33 pm. Present were members M. Matthews, J. Lippert, K. Warren, L. Donegan and K. Rourke (7:35 pm). Also present were Superintendent Dr. J. Longo, Business Manager D. Neel and recording secretary J. Barsaleau. In the audience was resident R. Bora. Unable to attend was board member J. Calarese.

Persons to be Heard

None

Communications

J. Rupert reported on a previous communication. He and Susan Eastwood are trying to coordinate a date and time meet to discuss energy saving solutions.

Approval of Minutes: 01/21/2016; 01/28/2016; 02/04/2016

Motion made by L. Donegan to approve the regular meeting minutes of 01/21/2016 with a correction to the spelling of last name "Schillinger" in Call to Order. Motion seconded by K. Rourke and carried with one abstention (K. Warren).

Motion made by J. Lippert to approve the special meeting minutes of 01/21/16, motion seconded by L. Donegan and carried with one abstention (K. Warren).

Motion made by K. Rourke to approve the special meeting minutes of 01/28/2016, motion seconded by J. Lippert and carried with one abstention (K. Warren).

Motion made by J. Lippert to approve the regular meeting minutes of 02/04/16, motion seconded by M. Matthews and carried with one abstention (K. Warren).

Administrative Reports (Written Reports Provided by the Director of Pupil Personnel, Principal and Asst. Principal)

Going forward written reports will be provided ahead of the second monthly meeting. Administrators will be asked to attend at least once per quarter. Members were encouraged make direct contact with any questions concerning their reports.

a. Superintendent

Dr. Longo's Ashford Citizen article, "Understanding Special Education", was included in the board's agenda packet. Members provided positive feedback and were pleased with the supportive content of the article. Dr. Longo indicated that he had received a request for unpaid leave to bring forward under New Business.

b. Business Manager

1. Approval of FY 16 Audit Corrective Action Response

2. Request Approval of Financial Statement through January 2016

Mr. Neel asked if there were any questions concerning his report, revised corrective action responses or the financial statement provided. Discussion followed, including REAP grant, year to date expenditures, fraud risk assessment, UCOA and financial software. The board acknowledged that there were no contractual payments to or for the benefit of the Superintendent through the month ending January 2016.

Motion made by M. Matthews to approve the preliminary FY 16 corrective action plan for presentation to the Board of Finance. Motion seconded by L. Donegan and carried unanimously.

Motion made by L. Donegan to approve the financial statement through the month ending January 2016, motion seconded by K. Rourke and carried unanimously.

New Business

a. Resolution: Uniform Chart of Accounts (UCOA)

D. Neel gave a brief history and reasoning for the movement towards a uniform chart of accounts for municipalities and boards of education. It is necessary for the Board of Education to adopt a resolution endorsing its participation in the UCOA grant program in conjunction with the Town.

Motion made by J. Rupert to execute the UCOA resolution of endorsement authorization as presented. Motion seconded by K. Rourke and carried unanimously.

Unapproved

Old Business

a. FY 17 Budget

1. Capital Improvement Meeting Follow Up

J. Lippert reported on the most recent meeting of the capital expenditure committee. Plans remain to form a town wide building and grounds committee to address needs across town. Members of the committee stated that the building related projects presented in the Board of Education's five-year plan could be combined into one project through the state school construction grant process. Therefore, neither the acoustical ceiling plans presented, nor any other building related improvement plans for Ashford School, will be considered in FY 17. Discussion followed.

The Board is aware of the school construction grant program, however, the process of obtaining such funding is long. A great deal of time will be lost in furthering programmatic goals if this is the only avenue the Board is allowed to pursue. Dr. Longo will contact the CSDE concerning the eligibility of a ceiling installation project. J. Rupert will contact the first selectman to discuss the committee's action.

2. Budget Worksession

A revised draft of the FY 17 narrative was distributed to members reflecting a reduction of 0.40% under last year's budget. Health insurance premium costs are now fixed at a 2.1% increase for FY 17. Discussion followed and included but was not limited to employee wages and salary placeholders, salary negotiations for non-union staff and library staffing.

Motion made by J. Lippert to present to the Ashford Board of Finance the FY 17 Ashford School Budget reflecting a bottom line of $7,391,140; a 0.40% reduction under FY 16. Motion seconded by M. Matthews and carried unanimously.

b. School Zone Traffic Discussion

Although some new signage was installed last year on Rt. 89, the consensus is that it is insufficient and not deterring speed. Contact will be made with Sen. Guglielmo seeking more signs.

Dr. Longo asked that the request for unpaid leave mentioned earlier be addressed at this time. By consensus of the membership present, the leave request was addressed. The board considered the written request from a non-certified staff member who had been on FMLA leave. The FMLA leave has been exhausted and the employee has a return to work authorization from the treating physician effective March 1, 2016. The employee requests unpaid medical leave until November 18, 2016.

Motion made by J. Rupert to deny the unpaid leave request of non-certified staff member. Motion seconded by L. Donegan and carried with one abstention (J. Lippert).

Next Meeting Date/Agenda Items

The next regular board meeting scheduled for 3/3/16 is cancelled. Members will be in attendance at the Board of Finance meeting on that evening. A special meeting will be held on March 3rd at 6 pm for Superintendent Evaluation.

Superintendent Evaluation (Executive Session Anticipated)

N/A

Motion made by L. Donegan to adjourn the meeting (9:56 pm). Motion seconded by M. Matthews and carried unanimously.

Recorded by:

Jennifer Barsaleau
Recording Secretary

Unapproved

Ashford Board of Education
Special Meeting Minutes – March 3, 2016
6:00 pm

Note: Per C.G.S. §10 – 218, Board of Education meeting minutes are provided in a draft format within 48 hours of the date the meeting was held. With the exception of motions and votes recorded, these minutes are unofficial until they have been read and approved by a majority vote of the Board. Should edits be necessary, they will be made at a regularly scheduled meeting, noted in the meeting minutes, and so voted upon.

Chair J. Rupert called the special meeting to order at 6:10 pm. Present were members K. Rourke, L. Donegan, J. Lippert, M. Matthews, K. Warren and J. Calarese.

Superintendent Evaluation (Executive Session Anticipated)

The Board entered into executive session for the purpose of evaluation of the Superintendent and invited Dr. Longo into session.
Present in the executive session were: J. Calarese, K. Rourke, J. Lippert, M. Matthews, L. Donegan, K. Warren and J. Rupert.

Dr. Longo exited the executive session (6:16 pm)

The Board exited executive session at 6:45 pm.

There was no action taken.

Recorded by:

James Rupert, Chair

Unapproved

Ashford School
Board of Education Meeting
March 17, 2016

Superintendent's Report

Capital Improvement Fund Projects Report

On Friday March 4th, I met with Henry Racki, the construction representative from CRCOG to discuss the Tech space project, as well as the possibility of providing an estimate to combine all of our current renovation plans and projects together. He indicated that he would get back to me in a week with a response, and that he would also speak with Jim Rupert to discuss options.

I, along with Don Neel and Jen Barsaleau, met with Mike Zambo and Chris Abikoff on Tuesday, February 23rd to discuss several capital improvement allocation options. During that meeting we discussed the options available to us, ranging from completion of the ceiling project this summer, to putting all of the projects together and seeking state reimbursement. At that meeting, Mr. Zambo indicated that the capital committee had expressed an interest in combining all of the projects and pursuing a single construction grant through the state, but that if we wanted to push the ceiling project forward, he would support the Board of Education's wishes.

I have registered to attend a workshop on April 4th that is devoted to applying for state funding of construction projects. I will meet with those who guide towns in making decisions and get first hand advice and opinions.

Transportation

I met with Mike Zambo regarding our bus purchase for this year. The plan was for the purchase of one bus and one van. However, with the return of a student from outplacement, we should consider the possibility of purchasing a new bus with a lift that could better accommodate our future needs.
I suggest that we schedule a meeting of the BOE Transportation committee to discuss this option, and finalize our request for a bus bid.

In my conversations with Region 19 Superintendent Bruce Silva, I was told that they do not intend to withdraw from the agreement with us to provide transportation to Ashford's E.O. Smith and the technical school students for 2016-2017. He did indicate that the future of this arrangement has not yet been determined. With that in mind, we have received a request to discuss transportation needs from M&J Transportation. This is the company that was recently awarded the Region 19 and Mansfield contract, and also currently serves Willington.

Budget

Our presentation to the Board of Finance did not provide any insight into their thoughts or intentions with regard to our budget proposal. They were scheduled to meet on Thursday March 10th, and it is our hope that they will provide feedback

and if necessary, directives for action, so that we may address them in a timely manner. There were several questions asked about the minimum budget requirement number for Ashford, (MBR), and that in and of it itself is concerning. I am hopeful that they will support our proposed budget and reinforce the effort that was made by the administration and BOE to present a balanced proposal.

Curriculum and Instruction
I have asked our administrative team to submit comprehensive reports this month to provide you with a view of the status of our curriculum and instruction program at this point in time. We are very pleased with the progress Ashford School is making, and want the BOE members to be fully aware of the many advances that we are continuing to pursue.

My Ashford Citizen article for this month will be addressing the many extra-curricular activities at Ashford School, highlighting the rich diversity of options now available to students.

Board of Education Committee Meetings
I would suggest that the BOE transportation committee meet to discuss M&J Transportation's request to meet, and for long term planning for our transportation department.

The Cafeteria Committee should also schedule a meeting to discuss the recent program review by the CSDE, the outcome of which will require that lunch prices be raised for next school year.

Health and Safety
Because of our concerns for the number of colds and other illnesses in our school, I have requested that we schedule duct cleaning this spring.

"Tools for Schools" (TfS), an indoor air quality program followed by public school districts, will be conducting a refresher workshop for area towns that will be hosted in our school on April 11.

Maintenance Department
We conducted training for our custodial staff last month, and are in the process of restructuring the administration of that department.

Regional Cooperation Discussions
I have met several times over the course of the past few months with my colleagues from area school districts to discuss opportunities for regional cooperation. We have been discussing a variety of possibilities, and are in the very early stages of finding practical opportunities for regional cooperation.

CURRICULUM ROUNDUP

Stretching STEAM

Spring conferences will show educators new ways to blend arts and sciences

By Lauren Barack

Conference schedule

NAEA
March 17-19
Chicago
www.arteducators.org

NSTA
March 31-April 3
Nashville
www.nsta.org

NCTM
April 13-15
San Francisco
www.nctm.org

V+S+C
DAmag.me/stretch

Every spring, students in Michael Nocella's chemistry class at Niles West High School in Illinois design a hot air balloon.

But they set goals beyond carrying the most passengers or flying the farthest. Students work in groups to create a balloon that meets a societal or environmental need, such as fuel efficiency.

Weaving this kind of engineering lesson into the project offers students a kind of freedom—transforming a potentially rote exercise into a chance to ask questions and affect results, says Nocella, whose school is part of Township High School District 219 in Skokie.

Instead of a scripted session, students have a hand in designing instruction in which there are no right or wrong answers. The students pick two "lab managers" who facilitate the planning and implementation of the assigned experiment, such as "design a solar panel that provides the most charge in the least amount of time"

The collaboration and problem-solving students learn are crucial life skills, Nocella says.

"Although there is a direction and goal provided," Nocella says, "the students have to propose and select appropriate procedures, variables and data collection techniques, and assess what is evidence that relates to the task at hand."

At three annual conferences this spring—the National Council of Teachers of Mathematics (NCTM), the National Art Education Association (NAEA) and the National Science Teachers Association (NSTA)—experts and educators will offer guidance in developing STEAM instruction across a range a subjects and projects. At the three conferences, educators and attendees will examine the subjects that comprise STEAM: science, technology, engineering, arts and mathematics. Groups such as NASA and the National Math + Science Initiative (a public-private partnership which champions embodied learning, which is the idea of supplementing learning through body movements or exercise) such as learning to count while jumping rope, believe such blended learning in K12 is crucial to master how to be successful in our future workforce.

NSTA

Self-analysis leads to innovation

To give students more ownership of their education, teachers need to ask students more open-ended questions that don't produce rote answers, says Lisa Nyberg, a former elementary school teacher who is now a professor in the department of curriculum and instruction at California State University, Fresno.

Educators should push K12 students to analyze their ideas and support these concepts with careful analysis. This process helps students become more innovative thinkers, she says.

Such learning is a main theme at this year's NSTA conference in San Francisco in April.

The first step to creating this kind of instruction environment is letting instructors experience this kind of learning themselves, she says. Many teaching-students grew up in a test-focused world and don't know how to set up classrooms where learning can be open-ended, Nyberg says.

Nyberg's session, "The Power of Questioning: Guiding Student Investigations," is based on her book of the same title. She and co-author Julie McGough will lead an investigation of buoyancy. Exploring the concept will allow attendees to experience a self-guided lesson on their own, she says.

Teachers need to explore such an experience as a learner before incorporating it into their classroom as a teacher, she adds.

Nocella, innovator of the balloon experiment, will speak during a group session titled "Integrating Engineering Practices into a Whole-Class Inquiry Challenge." He will show how students can be prompted to guide themselves through design assignments and the results they have produced.

Speakers at upcoming conferences (clockwise from top left): Rochelle Gutierrez will speak at NCTM about the next generation mathematics for all; Lisa Nyberg will speak at NSTA about giving students more ownership of their education; Deborah Gaston and Andrea Kantrowitz will speak at NAEA about adding arts to the sciences.

NCTM

Math covers social issues

Session leaders at NCTM, also in April, hope to push math teachers out of their comfort zone of numbers and equations. They want educators to experiment with techniques that bring creative thinking to math class.

For example, the connection between art and math—the 'A' and 'M' in STEAM—is a long-standing relationship. (Think of the geometry in a Piet Mondrian painting. Or the use of symmetry in a piece by Sol Lewitt, an artist linked to conceptual art and minimalism) NCTM has pushed its members to help students see the connection between the arts and math, and the conference will stress STEAM in one of its strands, "Next Generation Mathematics for ALL."

Additionally, attendees will be encouraged to look at other disciplines that can be taught through math. For example, mathematics can be used to introduce social issues, says University of Illinois associate professor Rochelle Gutiérrez, who works in the department of curriculum and instruction. She points to materials for teachers interested in learning how to weave more than equations into math classes, including "Rethinking Mathematics: Teaching Social Justice by the Numbers."

Students can examine the cost—and numbers—around war. Teachers can use topics that range from unemployment to living wages, and could touch on poverty, the middle class and income inequality all through the use of mathematics.

To bring about these kind of lessons, math teachers should also be encouraged to try methods that may not align with what district leaders want them to adopt, says Gutiérrez.

Her NCTM session, "Mathematics Teaching as Subversive Activity: Common Core, Social Justice, Creative Insubordination," will encourage teachers to teach math in ways they believe are most instructive, even if they have to "bend the rules," says Gutiérrez.

"Subversive activity" she says, is when someone supports an idea that goes against those in charge—but does so indirectly. Gutierrez believes that pressure for math students to perform well on high-stakes tests has stagnated teaching. But teachers should, sometimes, question or push back against what their administrators and districts are presenting, she says. In doing so, they can help their own students learn how to question as well.

"Do we care about the feeling and iden-

tity our students leave our schools with or just what we measured from their head?" she says. "We haven't been asking about what kind of citizens we are creating. We ask that in social studies, but we're not asking that in mathematics."

In the session "Beyond Relevance & Real World: Stronger Strategies for Student Engagement," teachers will learn new ways to grab students' attention, such as asking them to make predictions and debate the outcomes.

For example, a student asked to choose four numbers between 1 and 25 is likely to find that request dull, says speaker Dan Meyer, the chief academic officer for the free online math site Desmos.

Asked to write those numbers and choose which one doesn't belong? That spurs an argument—a number may be selected because it's not a prime or because it's not a factor of the others.

"Then you engage the skill of argumentation, where you construct an answer and have multiple answers that could be correct," he says.

NAEA

Creative side of science

Turning the tables on traditional styles of teaching is also a theme of the NAEA conference this month.

Andrea Kantrowitz, an assistant professor at Temple University's Tyler School of Art, encourages educators to add drawing to chemistry class—such as by having students sketch a chemical reaction. And she will show examples of collaboration between art and science teachers during her session "Drawing the Visible and Invisible in Art and Science"

"Scientists are highly creative," she says. "And there's been research that shows that children who are high spatial thinkers go on to achieve more in STEM disciplines."

Putting art on equal footing with math and science is one of Deborah Gaston's missions. She's been researching ways art can be blended into STEM subjects—even, for example, by showing students that the scientific process is itself a creative act.

Gaston, director of education for the National Museum of Women in the Arts, will co-lead a session "Leading the Way to Effective Practices in STEAM Teaching and Learning." She plans to show educators how to combine art and science, and how to achieve better educational results in both by letting the creative process put students' imaginations to work.

In English and humanities classes, students often produce multiple drafts of their assignments—a key part of the creative process. Artists also revise their work and, Gaston says, scientists do the same thing—they just use the word "experiments" to describe multiple attempts.

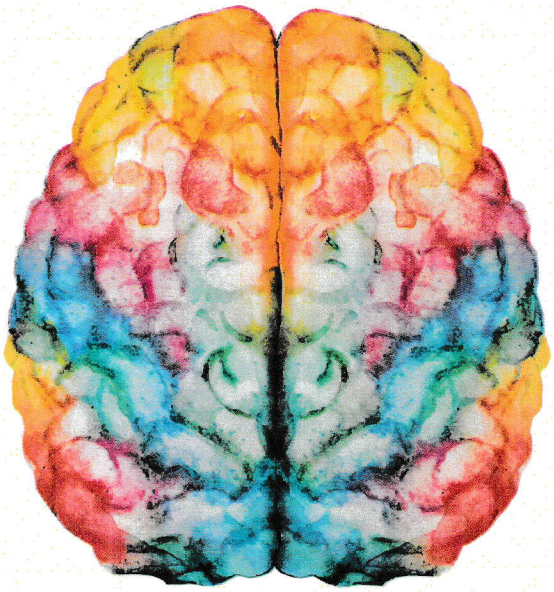
"Learning how to tell this information in a new format helps anchor experimentation and presentation," she says. "This really is the intesection of art and science."

For the latest STEAM products, see Product Focus on p. 62.

Lauren Barack is a technology writer based in New York City.

Gaining STEAM: Where Art and Science Meet

Posted on January 27, 2016 by Rose Hendricks



It is no secret that American students' math and science standardized test scores don't break any records[1,2]. In 2012, the US scored below average for developed countries in math and close to average in science. We also know that many of the most pressing problems facing us today and in the future, from halting climate change to combatting terrorism, require science, technology, engineering, and math (STEM) mastery and innovation. For this reason, educators and policymakers continue to increase their emphasis on STEM education.

Students' time in school is finite, so spending more time learning to program or construct electrical circuits often means spending less time reading literature and engaging in arts, as these activities are often considered less practical. This STEM myopia can also be problematic, as those "less practical" fields may impart critical thinking and creativity[3], perseverance, teamwork, and commitment[4] in ways that STEM fields may not.

This understanding has prompted the *STEAM* movement, dedicated to incorporating the arts into a STEM

educational framework.

I had the opportunity to talk with Nan Renner, a researcher at UC San Diego's Center for Research on Educational Equity, Assessment and Teaching Excellence (CREATE). Nan's work is focused on how we learn by interacting with the world – using language, objects, environments, and other people. With an initiative called the Art of Science Learning, she directed an Incubator for Innovation in San Diego to bring community members together to seek creative solutions for the water crisis in the region. She also teaches undergraduate courses in Cognitive Science. One course is called *Distributed Cognition*, a class that expands how we think about thinking to include our bodies and social and cultural contexts. Another is *Cognitive Ethnography*, a project-based research course that encourages students to understand human cognition through observing and analyzing behaviors. Collectively, her work is an exemplar for STEAM proponents, demonstrating not only a seamless integration of sciences and arts, but also working towards making STEAM a natural part of education.

What is STEAM, really?

Defining STEAM as simply the integration of arts with STEM fields is an oversimplification, especially for those of us who have been raised on the distinctions between the subjects. Traditionally, students learn science in science class and art in art class.

How could these very different subjects be combined?

There are some obvious ways to integrate them: students can use physical materials like clay or styrofoam to make models of cells or the solar system, and they can learn songs about concepts like Avogadro's number. But Nan pointed out that we should think more broadly about what arts really are when trying to make education more "STEAM-y." Instead of always incorporating art per se, we can incorporate an artistic spirit into STEM lessons. Art encourages and requires exploration, an emotional engagement and sense of ownership, and flexibility, all of which are key ingredients for success in science. For this reason, these same attributes should be components of STEM education.

Factor 1: Exploration

When we take a paintbrush to a canvas, a bow to a violin, or our eye to a camera lens, we are exploring. We explore the world around us, our bodies, and the media that we're using to create the art. At an abstract level, it is this exploration that STEAM advocates promote for science classrooms. The goal of science is to predict and explain phenomena in the world, and that can't happen without exploration.

To illustrate the value of exploration, Renner told me about the Hands On Lab, a mini science course for high school students held by CREATE at UCSD. Students learned about molecular self-assembly by creating and

exploring bubbles and observing how dish soap alone could move boats across water. They also used microscopes to examine cells from fruits and vegetables, comparing and contrasting cells from the tougher outsides to the fleshier insides. By getting their hands dirty (or wet), students were able to explore the scientific principles in an unstructured way, freely experimenting with contrasts and causality. These activities create a foundation that students can build on once they learn more structured scientific terms and processes for explaining those phenomena.

Factor 2: Emotional Engagement & Ownership

Another key feature of art is that someone (or some people) created it. Regardless of whether the piece of art is a knitted scarf, a Broadway musical, a digitally rendered graphic, or a gourmet meal, the artist becomes emotionally invested in the project, leading to a strong feeling of ownership. Children especially are often rightfully proud of their artwork. These feelings of engagement and ownership are crucial to science as well, and they were central to a series of workshops also held at UCSD called Informath. Educators who participated in Informath gathered for workshops with the goal of creating professional development programs that brought art and math together to enhance learning. They received materials like paper strips, straws, and pipe cleaners, and after "playing" for a little while, had arrived at intriguing ways to teach concepts like fractals, recursive relationships, and geometric proofs.

Using the materials to make their models meant that those sculptures were now *theirs* – not only did the educators own the finished products, but they also owned the processes they had taken to arrive at them. As in the Hands On Lab, the lessons that the teachers created at Informath fostered ownership and engagement through a personal exploration process.

Extensive research on Self Determination Theory has focused on uncovering the social-contextual conditions that enhance individuals' motivation and development[5]. One of these conditions is autonomy, which can be facilitated by granting students choices so that they have ownership over their exploration processes and means for expressing what they have learned[6]. Science lessons that revolve around art and exploration will introduce ownership into the classroom, instilling motivation, curiosity, and deeper understandings.

Factor 3: Flexibility

Flexibility is yet another hallmark of art. When you're in a musical ensemble or a theater troupe, for example, you need to be constantly aware of the whole, and adapt so that you fit in. Likewise, scientific exploration requires this constant awareness of how new pieces of information fit into existing knowledge frameworks and the willingness to alter hypotheses or procedures as new information is accounted for.

These traits are central to the Incubator for Innovation, a project that Nan was involved with through the Art of Science Learning. In San Diego, the incubator's focus was on the mismatch between supply and demand for

water, a challenge chosen by public vote. The Incubator participants included scientists, artists, educators, and students who were invested in the problem. The teams learned arts-based techniques that they used to continuously come up with ideas, test them, and communicate about them. Iteration was a crucial component of the incubator: as teams tested their ideas and continued to learn about what did and did not work, they continually improved their innovations.

Similar incubators took place to address problems of access to fair and equitable nutrition (in Chicago) and new transportation solutions (in Worcester, MA). In 2016, a traveling exhibit will showcase the projects that came out of all 3 incubators and emphasize the importance of bringing creativity to science and innovation. Collaborating, iterating, and incorporating new information into prototypes are all crucial components of the incubator that drive home the importance of flexibility for innovation and success.

Creating a STEAM-ier classroom

A few times during our conversation, we circled back to a resounding theme: The most crucial part of STEAM is *integration*. Nan pointed out that "when we engage in real-world problem-solving, the disciplinary boundaries fade into the background. We blend and merge creative and critical thinking, representing ideas with words, metaphors, numbers, images, forms. We can be inquisitive and thoughtful about what these different modalities offer, in education and the workplace, and expand our collective repertoire for identifying and solving big challenges."

How can we accomplish this in our STEAM lessons?

- Keep the goals of exploration, emotional engagement, and flexibility at the forefront when designing STEM lessons and incorporate hands-on lessons whenever appropriate.
- De-emphasize curricular boxes – although there will inevitably be certain topics and lessons that fall within our definition of science or math more than others, help students to be holistic thinkers by encouraging them to answer questions using whatever knowledge and tools they have available, as opposed to sticking to the confines of one traditional subject.
- Try metaphorming – a form of brainstorming that involves making multi-dimensional, freeform, symbolic models and can lead to deeper insights and more creativity.
- Promote the arts – students who learn to play as part of an orchestra, who gain confidence in ballet class, or who become comfortable getting their hands dirty with a pottery wheel will take those lessons and mindsets with them to the science classroom.
- As a teacher, take some creative liberties when planning science lessons. Students will learn best by observing a role model who incorporates arts and science (for inspiration, check out the #sciart hashtag on

Twitter).

One intuition might be that the key to improving STEM education is to focus students' time more on STEM subjects and less on the arts. However, we have solid evidence suggesting that STEM and arts aren't incompatible ends of a spectrum, but instead can – and *should* – be integrated. When we integrate arts, and more broadly, an artistic mindset, into science lessons, we open the door for exploration, emotional engagement and ownership, and flexibility; indispensible skills for success in science and in life more generally.

The STEAM movement suggests that arts and sciences may have a synergistic relationship – even better when combined than each in isolation. The movement reminds us that when it comes to treasured school subjects – arts and sciences – we *can* have our cake and eat it too.

References & Further Reading

1. Chappell, B. (2013). U.S. Students Slide In Global Ranking On Math, Reading, Science. NPR. [Article]
2. Desilver, D. (2015). U.S. students improving – slowly – in math and science, but still lagging internationally. Pew Research Center. [Article]
3. Zakaria, F. (2015). Why America's obsession with STEM education is dangerous. The Washington Post. [Article]
4. Williams, Y. (2014). Rhythm and bruise: How cuts to music and the arts hurt kids and communities. Huffington Post Education. [Article]
5. Ryan, R.M. & Deci, E.L. (2000). Self-Determination Theory and the facilitation of intrinsic motivation, social development, and well-being. *American Psychologist, 55*(1), 68-78. [Paper]
6. Stefanou, C.R., Perencevich, K.C., DiCintio, M., & Turner, J.C. (2004). Supporting autonomy in the classroom: Ways teachers encourage student decision making and ownership. *Educational psychologist, 39*(2), 97-110. [Paper]

- Beilock, S. (2015). How the body knows its mind: The surprising power of the physical environment to influence how you think and feel. [Book]
- STEAM to STEAM [Organization]

Bio Latest Posts

Rose Hendricks

Rose is a PhD student in Cognitive Science at UC San Diego. Her work is focused on the role that metaphor shapes the way that we perceive and think about the world. When not thinking

about thinking, she likes reading fiction, running, and handmaking greeting cards.

1 Comment

One Response to *Gaining STEAM: Where Art and Science Meet*

David Melody *says:*
January 28, 2016 at 6:23 pm

You might want to know about "The Private Eye (5X) Looking/Thinking by Analogy – A Guide to Developing the Interdisciplinary Mind", by Kerry Ruef. She posited that thinking by analogy is the common denominator among scientists, writers, mathematicians, artists, and more. Essentially the heart of cognition. (Metaphors and similes being compressed analogies.) The program she developed has been influencing K-16 educators for over twenty-five years.

Reply

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Ashford

Business Manager's Report

March 2016

D. Neel

Budget 2015-16

The current unencumbered balance is a surplus of $163,438, a reduction of $51,000 from last month. Significant changes are:

1. Diesel - A second, scheduled payment was made, which was not encumbered ($30.5K). This will be partially offset by reimbursements. Plans for next year are to encumber net, anticipated BOE diesel expense.
2. Medical/Dental Insurance - Payroll deduction timing $16K
3. Plant Equipment - Vacuums and floor machine ($9.6K)
4. Fleet Maintenance - Additional encumbrance based on current rate of supply use ($7K)
5. Technology Admin. Equipment - 5 security cameras ($7K)
6. Enrichment Supplies - Robotics ($3.5K)
7. Music Equipment - French horn (($2.7K)

Significant credits that have not been incorporated into the financial report and would add to the projected surplus are:

- Excess Costs and State Agency Placement Grant - Based on the December filing, we are projecting special education excess costs of $118,773. $72,018 has been received from the state. Treasurer has requested student details before releasing funds.
-
- CIRMA Members' Equity Distribution - A credit of $3,223 has been approved by the Treasurer for application in March.
- Town, Fire and Ambulance diesel reimbursements, estimated approximately $14,000.

Financial Software Replacement

Town and BOE Finance staff visited our Woodstock counterparts on March 16th to examine their common software system, inquire about likes and dislikes, and make a preliminary assessment as to whether the system has the features we want. Generally, staff was very impressed by the capabilities of a modern system.

Cost Avoidance

Due to an ordering oversight, the new display refrigerator was delivered without a lock. Vendor demanded additional fees, including additional freight and re-stocking. Staff negotiated fee waivers and we will pay only for the lock parts.

Non-contractual Payments to or for the benefit of the Superintendent

None made this month or this year.

Actual & Budgeted Expenses & Encumberance

Report Sequence:Object
Account: First thru Last
Report Period: July 2015 thru February 2016
Level Of Detail:Account Number

Account Filter=01-####-###-#####

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
Certified Staff								
01-1100-111-00000	Elementary Certified Staff	929,377.50	0.00	929,377.50	500,434.06	428,943.44	0.00	0.00
01-1100-111-07100	ARRA Stabliztion Elemtry Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-111-00001	Middle School Certified Staff	720,508.00	0.00	720,508.00	399,728.24	345,406.78	(24,627.02)	(3.42)
01-1101-111-07102	ARRA Stabliztion Middle Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1102-111-02120	Remedial Certified Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1103-111-01003	Art Certified Staff	50,000.00	0.00	50,000.00	23,858.66	20,450.34	5,691.00	11.38
01-1103-111-02003	Music Certified Staff	98,645.00	0.00	98,645.00	53,116.56	45,528.44	0.00	0.00
01-1104-111-00004	World Language Certified Staff	146,553.00	0.00	146,553.00	78,913.24	67,639.76	0.00	0.00
01-1106-111-04120	Enrichment Certified Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1109-111-00009	Phys Ed/Health Certified Staff	101,507.00	0.00	101,507.00	48,758.22	41,792.78	10,956.00	10.79
01-1109-111-07104	ARRA Stabliztion PE Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1112-111-01012	Coaches	17,694.00	0.00	17,694.00	11,664.00	5,168.00	862.00	4.87
01-1112-111-02012	Program Advisors	5,389.00	0.00	5,389.00	534.00	4,855.00	0.00	0.00
01-1112-111-03012	Prog Directors & Coordinators	6,271.00	0.00	6,271.00	534.00	5,737.00	0.00	0.00
01-1200-111-01120	SpEd Certified Staff	133,839.00	0.00	133,839.00	62,515.80	53,825.20	17,498.00	13.07
01-1200-111-02120	Remedial Certified Staff	130,984.00	0.00	130,984.00	70,529.90	60,454.10	0.00	0.00
01-1200-111-03120	Psychologist Certified Staff	124,964.00	0.00	124,964.00	51,540.02	44,176.98	29,247.00	23.40
01-1200-111-04120	Enrichment Certified Staff	48,247.00	0.00	48,247.00	25,979.10	22,267.90	0.00	0.00
01-1200-111-05120	Speech Certified Staff	58,351.00	0.00	58,351.00	31,419.78	26,931.22	0.00	0.00
01-1200-111-06220	DCF Placement Cert Salaries	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-111-07106	ARRA Stabliztion SpecEd Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-111-07108	ARRA Stabliztion Speech Staff	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-111-01220	Superintendent	70,786.41	0.00	70,786.41	49,420.98	21,965.02	(599.59)	(0.85)
01-2200-111-02220	Principal	126,490.27	0.00	126,490.27	87,570.00	38,920.00	0.27	0.00
01-2200-111-03220	Special Ed Director	97,770.00	0.00	97,770.00	68,102.28	30,267.72	(600.00)	(0.61)
01-2200-111-04220	Assistant Principal	80,000.00	0.00	80,000.00	55,384.56	24,615.44	0.00	0.00
01-2200-111-05220	Curriculum Director	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Certified Staff**	**2,947,376.18**	**0.00**	**2,947,376.18**	**1,620,003.40**	**1,288,945.12**	**38,427.66**	**1.30**
Non-Certified Staff								
01-1100-112-00000	Elementary Paraprofessional	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1100-112-00010	Regular Ed Paraprofessional	108,772.74	0.00	108,772.74	64,347.90	42,279.60	2,145.24	1.97
01-1101-112-00000	Middle School Paraprofessional	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1107-112-01007	Library Paraprofessional	24,877.13	0.00	24,877.13	15,775.49	8,988.51	113.13	0.45
01-1107-112-02007	Library Consultant	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1112-112-01012	Athletic Officials	4,600.00	0.00	4,600.00	2,652.58	1,947.42	0.00	0.00
01-1112-112-02012	Extracurricular	20,000.00	0.00	20,000.00	8,000.00	12,000.00	0.00	0.00
01-1112-112-03012	After Sch Activities Transport	2,117.73	0.00	2,117.73	1,796.73	2,456.75	(2,135.75)	(100.85)
01-1112-112-04012	Event Chaperones	1,764.00	0.00	1,764.00	630.00	1,134.00	0.00	0.00
01-1200-112-01120	Nursing Staff	62,465.93	0.00	62,465.93	41,261.16	18,804.84	2,399.93	3.84
01-1200-112-02120	SpEd Paraprofessional	318,807.23	0.00	318,807.23	221,432.02	146,717.98	(49,342.77)	(15.48)
01-1200-112-03120	SpEd Substitutes	45,000.00	0.00	45,000.00	7,010.00	17,990.00	20,000.00	44.44
01-1200-112-06220	DCF Placement Non-Certified	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
01-2200-112-00220	Business Manager	20,000.00	0.00	20,000.00	24,699.07	8,477.18	(13,176.25)	(65.88)
01-2200-112-01220	Accounting Clerks	112,488.10	0.00	112,488.10	77,877.00	34,612.00	(0.90)	0.00
01-2200-112-02220	Superintendent's Secretary	54,979.47	0.00	54,979.47	39,623.74	15,355.73	0.00	0.00
01-2200-112-03220	Principal's Secretary	57,189.90	0.00	57,189.90	37,223.94	21,158.06	(1,192.10)	(2.08)
01-2200-112-04220	Substitute Teachers/Paras	80,000.00	0.00	80,000.00	26,554.39	53,445.61	0.00	0.00
01-2200-112-05220	Special Ed Secretary	36,352.95	0.00	36,352.95	25,167.42	11,185.58	(0.05)	0.00
01-2200-112-06220	Sub calling stipend	3,000.00	0.00	3,000.00	2,000.00	1,000.00	0.00	0.00
01-2200-112-07220	BOE Meeting Minutes Stipend	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00
01-2540-112-01254	Custodians	194,433.92	0.00	194,433.92	130,597.59	63,204.53	631.80	0.32
01-2540-112-02254	Summer Custodians	5,634.72	0.00	5,634.72	4,406.16	0.00	1,228.56	21.80
01-2540-112-04254	Custodian Substitutes	6,864.00	0.00	6,864.00	651.36	4,956.64	1,256.00	18.30
01-2540-112-05254	Emergency OT	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00
01-2540-112-06254	Community	500.00	0.00	500.00	0.00	500.00	0.00	0.00
01-2550-112-01255	Drivers	135,205.74	0.00	135,205.74	73,559.21	51,429.46	10,217.07	7.56
01-2550-112-02255	Transportation Coordinator	14,841.00	0.00	14,841.00	6,305.62	11,850.63	(3,315.25)	(22.34)
01-2550-112-03255	Mechanic	43,743.50	0.00	43,743.50	26,783.72	16,756.29	203.49	0.47
01-2550-112-04255	Driver Sick/Personal Leave	7,279.80	0.00	7,279.80	3,940.29	3,288.91	50.60	0.70
01-2550-112-05255	Class Trip Transportation	10,084.54	0.00	10,084.54	2,889.78	7,195.22	(0.46)	0.00
01-2600-112-01260	Technology Paraprofessional	26,061.75	0.00	26,061.75	17,293.30	8,649.74	118.71	0.46
01-2600-112-02260	Technology Consultant	81,069.75	0.00	81,069.75	55,384.56	24,615.43	1,069.76	1.32
	****TOTAL** Non-Certified Staff**	**1,480,133.90**	**0.00**	**1,480,133.90**	**917,863.03**	**592,000.11**	**(29,729.24)**	**(2.01)**
Insurance								
01-2200-200-01220	Medical/Dental Insurance	938,156.24	0.00	938,156.24	653,940.54	260,565.32	23,650.38	2.52
01-2200-200-01230	Group Life Insurance	10,028.35	0.00	10,028.35	4,486.50	5,036.36	505.49	5.04
01-2200-200-02220	Workers Compensation Insurance	70,171.87	0.00	70,171.87	38,601.84	16,412.75	15,157.28	21.60
	****TOTAL** Insurance**	**1,018,356.46**	**0.00**	**1,018,356.46**	**697,028.88**	**282,014.43**	**39,313.15**	**3.86**
Other Insurances								
01-2200-205-01220	Social Security/Medicare Costs	178,020.52	0.00	178,020.52	97,126.30	69,281.45	11,612.77	6.52
01-2200-205-02220	Non-Certified Retirement Costs	32,096.52	0.00	32,096.52	22,023.76	22,546.77	(12,474.01)	(38.86)
01-2200-205-02230	Non-Certified Other Benefits	60,607.14	0.00	60,607.14	77,836.00	3,764.00	(20,992.86)	(34.64)
01-2200-205-03220	Unemployment Compensation Cost	1,002.00	0.00	1,002.00	7,202.00	102.00	(6,302.00)	(628.94)
01-2200-205-04220	Cert Retirement Healthcare	42,105.48	0.00	42,105.48	12,653.23	15,815.53	13,636.72	32.39
01-2200-205-04230	Certified Other Benefits	91,600.00	0.00	91,600.00	82,147.42	7,876.88	1,575.70	1.72
01-2200-205-05220	Vol Retirement Incentive Plan	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Other Insurances**	**405,431.66**	**0.00**	**405,431.66**	**298,988.71**	**119,386.63**	**(12,943.68)**	**(3.19)**
Instructional Improvement								
01-2200-312-01220	Workshop Sub Pay	3,000.00	0.00	3,000.00	840.00	2,160.00	0.00	0.00
01-2200-312-02220	Teacher Workshops	8,000.00	0.00	8,000.00	2,370.84	5,629.16	0.00	0.00
01-2200-312-03220	Curriculum Development	9,000.00	0.00	9,000.00	8,443.75	0.00	556.25	6.18
01-2200-312-04220	District Professional Dev Days	2,500.00	0.00	2,500.00	859.45	1,640.55	0.00	0.00
01-2200-312-05220	CT TEAM Mentor	3,000.00	0.00	3,000.00	0.00	1,000.00	2,000.00	66.67
01-2200-312-06220	AEA Tuition Reimbursement	10,000.00	0.00	10,000.00	9,520.00	480.00	0.00	0.00
01-2200-312-07220	MEUI Tuition Reimbursement	3,000.00	0.00	3,000.00	0.00	5,000.00	(2,000.00)	(66.67)
01-2200-312-08220	Curriculum Writing (Math)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Instructional Improvement**	**38,500.00**	**0.00**	**38,500.00**	**22,034.04**	**15,909.71**	**556.25**	**1.44**
Professional Services								
01-1200-319-01120	Speech Outsourced	40,000.00	0.00	40,000.00	30,532.92	21,697.41	(12,230.33)	(30.58)
01-1200-319-02120	Training Seminars	7,000.00	0.00	7,000.00	1,456.09	5,532.67	11.24	0.16
01-1200-319-03120	OT Outsourced	62,000.00	0.00	62,000.00	34,716.00	23,144.00	4,140.00	6.68
01-1200-319-04120	Evaluations Outsourced	13,000.00	0.00	13,000.00	3,040.00	9,960.00	0.00	0.00

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
01-1200-319-05120	Physical Therapy Outsourced	12,000.00	0.00	12,000.00	12,096.00	8,064.00	(8,160.00)	(68.00)
01-1200-319-06120	Behavioral Therapy Outsourced	48,500.00	0.00	48,500.00	23,468.00	16,202.00	8,830.00	18.21
01-1200-319-07120	Assistive Technology/ACC	2,000.00	0.00	2,000.00	51.70	1,948.30	0.00	0.00
01-1200-319-08120	Spec Ed Consultant	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-319-09120	Pre-K Screening	1,500.00	0.00	1,500.00	0.00	1,500.00	0.00	0.00
01-2200-319-01220	Legal	15,000.00	0.00	15,000.00	2,247.50	12,752.50	0.00	0.00
01-2200-319-02220	Audit	15,000.00	0.00	15,000.00	16,150.00	0.00	(1,150.00)	(7.67)
01-2200-319-03220	Data Processing	12,500.00	0.00	12,500.00	5,938.90	3,699.60	2,861.50	22.89
01-2200-319-04220	Consultant	11,500.00	0.00	11,500.00	1,500.00	0.00	10,000.00	86.96
01-2200-319-05220	Volunteer Screening	400.00	0.00	400.00	0.00	100.00	300.00	75.00
	****TOTAL** Professional Services**	**240,400.00**	**0.00**	**240,400.00**	**131,197.11**	**104,600.48**	**4,602.41**	**1.91**
Utilities								
01-2540-321-00000	Plant Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2540-321-00254	Plant Utilities	72,000.00	0.00	72,000.00	42,267.10	22,993.82	6,739.08	9.36
	****TOTAL** Utilities**	**72,000.00**	**0.00**	**72,000.00**	**42,267.10**	**22,993.82**	**6,739.08**	**9.36**
Maintenance								
01-1200-322-15254	Spec Ed Equip Maintenance	1,000.00	0.00	1,000.00	556.60	443.40	0.00	0.00
01-2200-322-00220	Administrative Equipment Maint	500.00	0.00	500.00	0.00	0.00	500.00	100.00
01-2540-322-01254	Rubbish Removal	7,818.00	0.00	7,818.00	5,005.01	2,532.13	280.86	3.59
01-2540-322-02254	Asbestos Monitoring	550.00	0.00	550.00	0.00	275.00	275.00	50.00
01-2540-322-03254	Water	16,000.00	0.00	16,000.00	6,314.50	9,057.76	627.74	3.92
01-2540-322-04254	General Maintenance & Repairs	18,000.00	0.00	18,000.00	9,299.85	8,700.15	0.00	0.00
01-2540-322-05254	Sanitary System	4,000.00	0.00	4,000.00	3,140.00	0.00	860.00	21.50
01-2540-322-06254	Fire Equipment	10,000.00	0.00	10,000.00	3,425.30	6,574.70	0.00	0.00
01-2540-322-07254	Generator Maintenance	4,000.00	0.00	4,000.00	414.00	3,586.00	0.00	0.00
01-2540-322-08254	Boiler	14,000.00	0.00	14,000.00	8,645.48	6,954.00	(1,599.48)	(11.42)
01-2540-322-09254	Grounds Upkeep	5,000.00	0.00	5,000.00	3,311.06	1,688.94	0.00	0.00
01-2540-322-10254	Painting	2,000.00	0.00	2,000.00	666.94	483.06	850.00	42.50
01-2540-322-11254	Floor Covering	6,000.00	0.00	6,000.00	6,345.00	0.00	(345.00)	(5.75)
01-2540-322-12254	Roof Maintenance	4,500.00	0.00	4,500.00	0.00	4,500.00	0.00	0.00
01-2540-322-13254	Renovations	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2540-322-14254	Radon Testing	300.00	0.00	300.00	0.00	300.00	0.00	0.00
01-2540-322-15254	HVAC Maintenance	8,000.00	0.00	8,000.00	5,792.72	2,207.28	0.00	0.00
	****TOTAL** Maintenance**	**101,668.00**	**0.00**	**101,668.00**	**52,916.46**	**47,302.42**	**1,449.12**	**1.43**
Equipment Maintenance								
01-1103-323-02003	Music Instrument Maintenance	600.00	0.00	600.00	305.00	295.00	0.00	0.00
01-1107-323-01007	Audio Visual Equipment Maint	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1109-323-00009	Phys Ed/Health Equipment Maint	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-323-02260	Tech Equip Maint	3,000.00	0.00	3,000.00	237.00	1,263.00	1,500.00	50.00
	****TOTAL** Equipment Maintenance**	**3,600.00**	**0.00**	**3,600.00**	**542.00**	**1,558.00**	**1,500.00**	**41.67**
Liability Insurance								
01-2200-324-00254	Student Accident Insurance	1,150.00	0.00	1,150.00	1,065.00	0.00	85.00	7.39
01-2540-324-00254	Plant Insurance	28,750.32	0.00	28,750.32	18,135.86	5,503.62	5,110.84	17.78
01-2550-324-00255	Transportation Insurance	16,898.59	0.00	16,898.59	5,267.16	5,503.63	6,127.80	36.26
	****TOTAL** Liability Insurance**	**46,798.91**	**0.00**	**46,798.91**	**24,468.02**	**11,007.25**	**11,323.64**	**24.20**
Transportation								
01-1200-331-00120	SpEd Transportation	73,274.89	0.00	73,274.89	18,032.96	55,241.93	0.00	0.00
01-2550-331-01120	Class Trip Tolls & Parking	100.00	0.00	100.00	20.20	79.80	0.00	0.00
	****TOTAL** Transportation**	**73,374.89**	**0.00**	**73,374.89**	**18,053.16**	**55,321.73**	**0.00**	**0.00**

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
Communication								
01-2200-340-01220	Telephone	7,500.00	0.00	7,500.00	5,729.59	3,053.01	(1,282.60)	(17.10)
01-2200-340-02220	Postage	4,000.00	0.00	4,000.00	3,172.62	511.40	315.98	7.90
01-2200-340-03220	Internet	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-340-04220	Advertising	500.00	0.00	500.00	520.00	0.00	(20.00)	(4.00)
	****TOTAL** Communication**	**12,000.00**	**0.00**	**12,000.00**	**9,422.21**	**3,564.41**	**(986.62)**	**(8.22)**
Outside Services								
01-1100-370-05120	Elem Out of District Tuition	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-370-02120	RE Homebound Tutoring	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-370-05120	MS Out of District Tuition	27,100.00	0.00	27,100.00	23,800.00	3,300.00	0.00	0.00
01-1102-370-04120	After School Math Support	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-370-01120	Outplacement Tuition	433,731.00	(35,000.00)	398,731.00	167,849.75	130,260.54	100,620.71	25.24
01-1200-370-02120	Homebound Instruction/Tutoring	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	0.00
01-1200-370-03120	Extended School Year	40,000.00	0.00	40,000.00	34,512.31	0.00	5,487.69	13.72
01-1200-370-04120	After School Math Support	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Outside Services**	**505,831.00**	**(35,000.00)**	**470,831.00**	**226,162.06**	**138,560.54**	**106,108.40**	**22.54**
Purchased Services								
01-2200-390-01220	Contract Mileage	2,000.00	0.00	2,000.00	132.47	867.53	1,000.00	50.00
01-2200-390-02220	Printing	1,500.00	0.00	1,500.00	192.00	1,308.00	0.00	0.00
01-2550-390-01255	Fleet Maintenance	39,072.00	0.00	39,072.00	4,511.57	14,975.48	19,584.95	50.13
01-2550-390-02255	Bus Facility Building Usage	3,600.00	0.00	3,600.00	(2,400.00)	6,000.00	0.00	0.00
	****TOTAL** Purchased Services**	**46,172.00**	**0.00**	**46,172.00**	**2,436.04**	**23,151.01**	**20,584.95**	**44.58**
Supplies								
01-1100-410-01000	Elementary General Supplies	5,000.00	0.00	5,000.00	2,309.78	2,690.22	0.00	0.00
01-1100-410-02000	Elementary Reading Supplies	350.00	0.00	350.00	131.91	168.09	50.00	14.29
01-1100-410-03000	Elementary Math Supplies	150.00	0.00	150.00	199.86	100.14	(150.00)	(100.00)
01-1100-410-04000	Elementary Lang Arts Supplies	1,863.00	0.00	1,863.00	670.71	1,192.29	0.00	0.00
01-1100-410-05000	Elementary Health Supplies	100.00	0.00	100.00	0.00	100.00	0.00	0.00
01-1100-410-06000	Elementary Science Supplies	250.00	0.00	250.00	0.00	250.00	0.00	0.00
01-1100-410-07000	Elem Social Studies Supplies	150.00	0.00	150.00	0.00	150.00	0.00	0.00
01-1100-410-08000	Assessments	9,800.00	0.00	9,800.00	2,150.00	7,650.00	0.00	0.00
01-1100-410-09000	Elementary Art Supplies	150.00	0.00	150.00	0.00	150.00	0.00	0.00
01-1100-410-10100	Elem Horticulture Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-410-01001	Middle School General Supplies	4,000.00	0.00	4,000.00	1,435.43	2,564.57	0.00	0.00
01-1101-410-02001	Middle School LA Supplies	400.00	0.00	400.00	470.24	79.76	(150.00)	(37.50)
01-1101-410-03001	Middle School Math Supplies	250.00	0.00	250.00	30.88	569.12	(350.00)	(140.00)
01-1101-410-04001	Middle School Reading Supplies	250.00	0.00	250.00	0.00	300.00	(50.00)	(20.00)
01-1101-410-05001	Middle School Science Supplies	600.00	0.00	600.00	385.72	514.28	(300.00)	(50.00)
01-1101-410-06001	Middle School Social Stud Supp	100.00	0.00	100.00	101.95	498.05	(500.00)	(500.00)
01-1101-410-07001	Middle School Testing Supplies	300.00	0.00	300.00	0.00	0.00	300.00	100.00
01-1101-410-08001	MS Horticulture Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1102-410-04120	Remedial Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1102-410-08120	SRBI AT Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1103-410-01003	Art Supplies	1,500.00	0.00	1,500.00	2,030.95	1,005.98	(1,536.93)	(102.46)
01-1103-410-02003	General Music Supplies	350.00	0.00	350.00	107.00	0.00	243.00	69.43
01-1103-410-03003	Choral Supplies	1,000.00	0.00	1,000.00	459.62	0.00	540.38	54.04
01-1103-410-04003	Band Supplies	1,000.00	0.00	1,000.00	184.00	816.00	0.00	0.00
01-1104-410-00004	World Language Supplies	350.00	0.00	350.00	271.78	328.22	(250.00)	(71.43)
01-1104-410-06120	ELL Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1106-410-03120	Enrichment Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
01-1107-410-01007	Library Supplies	405.00	0.00	405.00	160.47	0.00	244.53	60.38
01-1107-410-02007	Library Periodicals	800.00	0.00	800.00	378.55	406.56	14.89	1.86
01-1107-410-03007	Library Non-Print Supplies	650.00	0.00	650.00	150.00	0.00	500.00	76.92
01-1109-410-01009	Phys Ed Supplies	600.00	0.00	600.00	1,011.23	750.00	(1,161.23)	(193.54)
01-1109-410-02009	Health Supplies	250.00	0.00	250.00	121.14	0.00	128.86	51.54
01-1112-410-01012	Graduation Supplies	1,400.00	0.00	1,400.00	32.60	1,367.40	0.00	0.00
01-1112-410-02012	Athletic Supplies	2,300.00	0.00	2,300.00	1,529.73	770.27	0.00	0.00
01-1112-410-04012	After School Activities Suppli	0.00	0.00	0.00	371.85	454.55	(826.40)	0.00
01-1200-410-01120	SpEd Instructional Supplies	2,000.00	0.00	2,000.00	501.05	1,498.95	0.00	0.00
01-1200-410-01130	Gifted Program Supplies	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	0.00
01-1200-410-01140	CORR Life Skills Supplies	1,500.00	0.00	1,500.00	532.41	967.59	0.00	0.00
01-1200-410-01150	Behavior Support Supplies	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00
01-1200-410-02120	Assessment Supplies	1,000.00	0.00	1,000.00	1,091.31	1,337.81	(1,429.12)	(142.91)
01-1200-410-03120	Enrichment Supplies	1,250.00	0.00	1,250.00	4,415.32	373.53	(3,538.85)	(283.11)
01-1200-410-04120	Remedial Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-410-05120	Medical Supplies	4,000.00	0.00	4,000.00	1,273.44	2,726.56	0.00	0.00
01-1200-410-06120	ELL Supplies	79.00	0.00	79.00	0.00	0.00	79.00	100.00
01-1200-410-07120	SpEd Software/Supplies	2,000.00	0.00	2,000.00	479.00	1,521.00	0.00	0.00
01-1200-410-08120	Special Needs Products (SIT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-410-01220	Administrative Office Supplies	4,000.00	0.00	4,000.00	1,977.24	1,327.54	695.22	17.38
01-2200-410-02220	Report Cards	5,000.00	0.00	5,000.00	0.00	0.00	5,000.00	100.00
01-2200-410-03220	BOE Newsletter	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-410-04220	Copier Paper	7,766.00	0.00	7,766.00	1,936.80	5,829.20	0.00	0.00
01-2540-410-01254	Plant Floor Supplies	5,000.00	0.00	5,000.00	134.40	4,865.60	0.00	0.00
01-2540-410-02254	Plant Cleaning Supplies	2,500.00	0.00	2,500.00	1,499.18	1,000.82	0.00	0.00
01-2540-410-03254	Plant General Supplies	4,000.00	0.00	4,000.00	3,546.43	2,661.20	(2,207.63)	(55.19)
01-2540-410-04254	Plant Paper Supplies	10,000.00	0.00	10,000.00	5,809.78	6,240.22	(2,050.00)	(20.50)
01-2540-410-05254	Plant Lighting Supplies	1,300.00	0.00	1,300.00	765.69	534.31	0.00	0.00
01-2540-410-06254	Plant Tools	500.00	0.00	500.00	111.38	388.62	0.00	0.00
01-2550-410-02254	Transportation Clean Supplies	150.00	0.00	150.00	0.00	0.00	150.00	100.00
01-2550-410-04254	Transportation Paper Supplies	200.00	0.00	200.00	0.00	0.00	200.00	100.00
01-2560-410-01256	Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2560-410-02256	Manage Breakfast Program	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-410-01260	Technology Elementary Supplies	3,000.00	0.00	3,000.00	2,133.29	866.71	0.00	0.00
01-2600-410-02260	Technology Middle School Suppl	3,000.00	0.00	3,000.00	1,722.40	1,277.60	0.00	0.00
01-2600-410-03260	Technology Arts Supplies	470.00	0.00	470.00	0.00	0.00	470.00	100.00
01-2600-410-04260	Technology Tech Ed Supplies	500.00	0.00	500.00	0.00	300.00	200.00	40.00
01-2600-410-05260	Technology Library Supplies	1,485.00	0.00	1,485.00	0.00	1,485.00	0.00	0.00
01-2600-410-06260	Technology SpEd Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-410-07260	Technology Admin Supplies	3,000.00	0.00	3,000.00	491.66	2,508.34	0.00	0.00
01-2600-410-08260	Technology Subscriptions	25,000.00	0.00	25,000.00	7,495.94	9,183.04	8,321.02	33.28
	****TOTAL** Supplies**	**129,018.00**	**0.00**	**129,018.00**	**50,612.12**	**75,769.14**	**2,636.74**	**2.04**
Heating Fuel								
01-2540-411-00254	Plant Fuel	105,000.00	0.00	105,000.00	103,815.29	1,184.71	0.00	0.00
	****TOTAL** Heating Fuel**	**105,000.00**	**0.00**	**105,000.00**	**103,815.29**	**1,184.71**	**0.00**	**0.00**
Transportation Fuel								
01-2550-412-01255	Diesel	35,500.00	0.00	35,500.00	59,384.23	0.00	(23,884.23)	(67.28)
01-2550-412-02255	Gasoline	15,000.00	0.00	15,000.00	3,206.51	6,321.56	5,471.93	36.48
	****TOTAL** Transportation Fuel**	**50,500.00**	**0.00**	**50,500.00**	**62,590.74**	**6,321.56**	**(18,412.30)**	**(36.46)**
Textbooks								

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
01-1100-420-01000	Elementary Supplemental Texts	300.00	0.00	300.00	0.00	0.00	300.00	100.00
01-1100-420-02000	Elementary Curriculum Upgrade	300.00	0.00	300.00	3,321.64	0.00	(3,021.64)	(1,007.21)
01-1100-420-03000	Elementary Replacement Texts	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1100-420-04000	Elementary Periodicals	300.00	0.00	300.00	0.00	0.00	300.00	100.00
01-1101-420-01001	Middle School Supplemental Tex	300.00	0.00	300.00	0.00	0.00	300.00	100.00
01-1101-420-02001	Middle School Reading Texts	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-420-03001	Middle School Periodicals	300.00	0.00	300.00	0.00	0.00	300.00	100.00
01-1101-420-04001	Middle School Replacment Text	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-420-05001	Middle School Curriculum Upgra	300.00	0.00	300.00	754.95	0.00	(454.95)	(151.65)
01-1103-420-00003	Art Textbooks	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1104-420-00004	World Language Textbooks	0.00	0.00	0.00	457.61	0.00	(457.61)	0.00
01-1109-420-00009	Phys Ed/Health Textbooks	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-420-00120	SpEd & Support Textbooks	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1200-420-00130	Specialized Text (NIMAS)	200.00	0.00	200.00	0.00	200.00	0.00	0.00
	****TOTAL** Textbooks**	**2,000.00**	**0.00**	**2,000.00**	**4,534.20**	**200.00**	**(2,734.20)**	**(136.71)**
Library Books								
01-1107-430-01007	Library Books Grades K-4	0.00	0.00	0.00	(39.99)	0.00	39.99	0.00
01-1107-430-02007	Library Books Grade 5-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Library Books**	**0.00**	**0.00**	**0.00**	**(39.99)**	**0.00**	**39.99**	**0.00**
Equipment								
01-1100-540-00000	Elementary Equipment	350.00	0.00	350.00	0.00	0.00	350.00	100.00
01-1100-540-00013	Elementary Furniture	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1101-540-00001	Middle School Equipment	350.00	0.00	350.00	0.00	0.00	350.00	100.00
01-1101-540-00014	Middle School Equip(furniture)	1,000.00	0.00	1,000.00	0.00	0.00	1,000.00	100.00
01-1103-540-01003	Music Equipment	7,690.00	0.00	7,690.00	5,455.40	2,725.71	(491.11)	(6.39)
01-1107-540-01007	Library Equip/Furniture	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1109-540-01009	Phys Ed Equipment	6,000.00	0.00	6,000.00	0.00	0.00	6,000.00	100.00
01-1109-540-02009	Health Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-1112-540-02012	Athletic Equipment	2,000.00	0.00	2,000.00	0.00	0.00	2,000.00	100.00
01-1200-540-01120	AT Equipment Rental	3,000.00	0.00	3,000.00	2,717.50	1,527.50	(1,245.00)	(41.50)
01-1200-540-02120	Adaptive Equipment	3,000.00	0.00	3,000.00	558.63	2,441.37	0.00	0.00
01-1200-540-03120	Sp Ed Technology Equipment	2,500.00	0.00	2,500.00	0.00	2,500.00	0.00	0.00
01-2200-540-01220	Copier Lease	33,419.00	0.00	33,419.00	21,758.76	11,660.24	0.00	0.00
01-2200-540-02220	Administrative Equip/Furn	0.00	0.00	0.00	449.55	0.00	(449.55)	0.00
01-2540-540-00254	Plant Equipment	6,000.00	0.00	6,000.00	12,163.15	8,275.76	(14,438.91)	(240.65)
01-2600-540-01260	Technology Elementary Equip	11,800.00	18,000.00	29,800.00	17,161.93	11,262.02	1,376.05	4.62
01-2600-540-02260	Technology Middle School Equip	33,000.00	17,000.00	50,000.00	14,824.00	33,000.00	2,176.00	4.35
01-2600-540-03260	Technology Admin Equip	1,500.00	0.00	1,500.00	2,654.00	8,961.00	(10,115.00)	(674.33)
01-2600-540-04260	Technology Tech Ed Equip	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-540-05260	Technology Network Equip	3,222.00	0.00	3,222.00	0.00	3,222.00	0.00	0.00
01-2600-540-06260	Technology SpEd/Support Equip	3,480.00	0.00	3,480.00	0.00	3,480.00	0.00	0.00
01-2600-540-07260	Technology Music Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-540-08260	Technology Art Equip	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2600-540-09000	Home Depot Rebate Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Equipment**	**118,311.00**	**35,000.00**	**153,311.00**	**77,742.92**	**89,055.60**	**(13,487.52)**	**(8.80)**
Dues & Fees								
01-1113-640-01001	Robotic Competition Fees	2,000.00	0.00	2,000.00	1,794.13	205.87	0.00	0.00
01-1200-640-00120	SpEd Dues & Fees	1,000.00	0.00	1,000.00	565.10	434.90	0.00	0.00
01-1200-640-00130	SpEd Extra Curricular Fees	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-640-01120	Character Dev Train & Material	2,000.00	0.00	2,000.00	0.00	0.00	2,000.00	100.00

Actual & Budgeted Expenses & Encumberance

Account Number	Account Description	Current Year Budgeted	Adjustment	Net Working Budget	Current Year Expenditure	Encumbrances	Balance Remaining	Percent Left
General Fund (01)								
01-2200-640-01220	Dues & Fees	9,000.00	0.00	9,000.00	2,326.00	1,200.00	5,474.00	60.82
01-2200-640-02220	Board of Education Expenses	1,000.00	0.00	1,000.00	378.57	621.43	0.00	0.00
01-2200-640-03220	Professional Development	9,000.00	0.00	9,000.00	5,881.31	3,118.69	0.00	0.00
01-2200-640-04220	Principal's Discretionary Fund	800.00	0.00	800.00	520.00	280.00	0.00	0.00
01-2200-640-05220	Medical/Screenings	1,299.00	0.00	1,299.00	467.50	355.00	476.50	36.68
01-2200-640-06220	Penalty Fees & Interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2200-640-07220	Stop Check Payment Fee	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Dues & Fees**	**26,099.00**	**0.00**	**26,099.00**	**11,932.61**	**6,215.89**	**7,950.50**	**30.46**
Audit Adjustments								
01-2200-700-99999	Miscellaneous	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2700-700-00000	Operating Transfers Out-Cafe	500.00	0.00	500.00	0.00	0.00	500.00	100.00
01-2700-700-00001	XFR to 1% Fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01-2700-700-00005	Audit Adjustments	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	****TOTAL** Audit Adjustments**	**500.00**	**0.00**	**500.00**	**0.00**	**0.00**	**500.00**	**100.00**
01-2200-910-00000	Supplement Appropriation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	General Fund (01) Totals	**7,423,071.00**	**0.00**	**7,423,071.00**	**4,374,570.11**	**2,885,062.56**	**163,438.33**	**2.20**
	Totals Consolidated Funds	**7,423,071.00**	**0.00**	**7,423,071.00**	**4,374,570.11**	**2,885,062.56**	**163,438.33**	**2.20**

A/P Monthly Report			
3/16/16 15:21			
February 2016			
Object 112			
Vendor Name	**Amount**	**Account Number**	**Description**
Athletic Officials	302.34	01-1112-112-01012	Basketball- Period 1/25/16-1/28/16
Total	**$302.34**		
Object 200			
Vendor Name	**Amount**	**Account Number**	**Description**
Anthem Blue Cross Blue Sheild	0.00	01-2200-200-01220	Period 1/1/15-2/28/15 Dental Insurance Premium
Connecticare Inc	0.00	01-2200-200-01220	Period 1/1/15-2/28/2015 Medical Insurance Premium
CIRMA	0.00	01-2200-200-02220	3rd QTR Workers Comp Insurance Premium
Sun Life Financial	0.00	01-2200-200-01230	Period 1/1/15-1/31/15 Group Life Insurance Premium
Total	**$0.00**		
Object 205			
Vendor Name	**Amount**	**Account Number**	**Description**
Department Of Labor	876.00	01-2200-205-03220	Unemployment Expense Period Ending 12/31/2015
CTRB	16.58	01-2200-205-04230	Late Deposit Fee for Jan 2016 TRB
Connecticare Inc	0.00	01-2200-205-04220	Period 1/1/15-2/28/1 Cert Retirement Medical Insurance Premium
Anthem Blue Cross Blue Sheild	0.00	01-2200-205-04220	Period 1/1/15-2/28/15 Cert Retirement Dental Insurance Premium
Total	**$892.58**		
Object 312			
Vendor Name	**Amount**	**Account Number**	**Description**
Veggiecation	493.60	01-2200-312-02220	Grades 1-3 Veggicate Your School Online Training (K. Anderson)
Bureau of Education & Research Inc	478.00	01-2200-312-02220	Using Apps, iPads & Other Mobile Devices In The Classroom (Connolly & Ross)
Bureau of Education & Research Inc	239.00	01-2200-312-02220	Enhance STEM learning In The Classroom Workshop (Busse)
Total	**$1,210.60**		
Object 319			
Vendor Name	**Amount**	**Account Number**	**Description**
Complete Payroll Solutions	248.80	01-2200-319-03220	2/12/16 Payroll Processing Fee
Michele Fesenmeyer	5,786.00	01-1200-319-03120	Feb 2016 Occupation Therapy Services
Sarah Hodgson	3,800.00	01-1200-319-06120	Feb 2016 Behavioral Therapy Services
Amy Vasington	5,088.82	01-1200-319-01120	Feb 2016 Speech Services
PT4Kids LLC	2,016.00	01-1200-319-05120	Feb 2016 Physical Therapy Services
Foundation For Children Inc	135.00	01-1200-319-02120	Critical Issues In School Health Workshop (M. Sibley-Jett)
Shipman & Goodwin LLP	945.50	01-2200-319-01220	For Period Ending 1/31/2016
Horizons Inc	167.00	01-1200-319-06120	Jan 2016 Behavior Therapy Services
Total	**$18,187.12**		
Object 321			
Vendor Name	**Amount**	**Account Number**	**Description**
Eversource	3,117.79	01-2540-321-00254	Period 1/11/16-2/8/16 Facility
Eversource	14.26	01-2540-321-00254	Period 12/31/15-2/1/16 Lamp Post
Constellation New Energy	2,946.16	01-2540-321-00254	Period 1/12/16-2/8/16 Facility

Total	**$6,078.21**		
Object 322			
Vendor Name	**Amount**	**Account Number**	**Description**
A&A Office Systems Inc	0.00	01-2200-322-00220	
Marcus Communications	146.65	01-1200-322-15254	Replaced Portable Radio HF w/Belt Clip, Battery, Antenna & Charger QTY#2
Aqua Pump Inc	920.00	01-2540-322-03254	Jan 2016 Maintenance, 1st Quarter H2O Testing & Well Pump #2 Repair
Skips Wastewater Services Inc	0.00	01-2540-322-05254	
Kinsley Power Systems	0.00	01-2540-322-07254	
Nextgen Security Co. LLC	850.00	01-2540-322-06254	Annual Service & Maintenance on Fire System-Inspection & Testing Fire Alarm
The Stuart L. White Company	0.00	01-2540-322-06254	Inspected Pyro-Chem Fire Suppression & Replaced CO2 Cartridge
JBR Glass & Construction LLC	311.00	01-2540-322-04254	Replaced Clear Insulated Glass in Bathroom & Room 16
Village Springs Distributor	85.00	01-2540-322-03254	H2O Delivery for Watercoolers Superintendent Office & Nurse
Willimantic Waste Paper	610.57	01-2540-322-01254	Feb 2016 Trash & Recycle Pickup Charge
Total	**$2,923.22**		
Object 323			
Vendor Name	**Amount**	**Account Number**	**Description**
	0.00		
Total	**$0.00**		
Object 324			
Vendor Name	**Amount**	**Account Number**	**Description**
CIRMA	0.00	01-2540-324-00254	3rd QTR Plant Insurance
CIRMA	0.00	01-2550-324-00255	3rd QTR Transportation Insurance
Total	**$0.00**		
Object 340			
Vendor Name	**Amount**	**Account Number**	**Description**
Frontier	412.60	01-2200-340-01220	Period 2/3/16-3/2/16 Telephone Expense
FedEx	0.00	01-2200-340-02220	
Ashford Post Office	0.00	01-2200-340-02220	
Stamps.com	315.99	01-2200-340-02220	Monthly Maintenance Fee & 1st Class Stamps
Voice New England	0.00	01-2200-340-01220	Period 1/1/15-3/31/15 Telephone Service QTR Fee
Total	**$728.59**		
Object 370			
Vendor Name	**Amount**	**Account Number**	**Description**
The CT Institute for the Blind	23,478.87	01-1200-370-01120	Period 12/1/15-1/31/16 SpEd Outplacement Tuition
Natchaug Hospital	12,084.00	01-1200-370-01120	Period 1/1/16-1/31/16 SpEd Outplacement Tuition
EastConn	0.00	01-1200-370-01120	
Natchaug Hospital	0.00	01-1200-370-03120	
Total	**$35,562.87**		
Object 390			
Vendor Name	**Amount**	**Account Number**	**Description**
Bacher Corp. of Conn.	188.16	01-2550-390-01255	MTD Gear Box Auger
Airgas USA LLC	0.00	01-2550-390-01255	
Bus Parts Warehouse	278.58	01-2550-390-01255	Purchased Parts For Both Buses And Vans
Gates-Buick-Nissan	0.00	01-2550-390-01255	Purchased Parts For The Mid Bus

Furness Bros Inc	0.00	01-2550-390-01255	
Lawson Products Inc	366.71	01-2550-390-01255	Purchased Parts For Both Buses And Vans
Top Line Supplies	0.00	01-2550-390-01255	
Mansfield Supply	74.54	01-2550-390-01255	Garage/Workshop Kit & Tools
Napa Auto Willmantic	173.24	01-2550-390-01255	Purchased Parts For Both Buses And Vans
Nutmeg International Trucks	0.00	01-2550-390-01255	Serviced Buses & Purchased Parts For Buses
Rawson Manufacturing Inc	0.00	01-2550-390-01255	
Terry's Transmissions	0.00	01-2550-390-01255	
School Lines Inc	843.00	01-2550-390-01255	Rear Bus Bumper
Pete's Tire Barns Inc	1,436.34	01-2550-390-01255	Bus Replacement Tires
Gagne Electric	510.26	01-2550-390-01255	Installation of 3 Phase Wiring for Bridgeport Machine
Total	**$3,870.83**		
Object 410			
Vendor Name	**Amount**	**Account Number**	**Description**
Amazon	643.95	01-2600-410-01260	Black, Yellow, Cyan & Magenta Xerox High Capacity Toners for Phaser 6180
Amazon	643.95	01-2600-410-02260	Black, Yellow, Cyan & Magenta Xerox High Capacity Toners for Phaser 6181
Amazon	116.85	01-2600-410-07260	Logitech Wireless Presenter QTY# 3
Amazon	89.97	01-1101-410-01001	Black-Enfain 8GB USB 2.0 Flash Drives 10Pack QTY# 3
Amazon	329.04	01-1101-410-02001	Ben Franklin Paperback Books QTY# 54
Amazon	51.14	01-1109-410-02009	Classroom Management Paperback Books For Health Teachers QTY#4
Amazon	17.95	01-1112-410-04012	Miracle-Gro AeroGarden Sweet Bell Peppers Seed Pod Kit
Amazon	51.70	01-1200-319-07120	Red & Yellow Califone Headphones & Belkin Speaker & Headphone Splitter
Amazon	121.60	01-1101-410-01001	Brother P-Touch Label Maker, Labels & Headphones QTY# 10
Home Depot	83.62	01-2540-410-03254	4' Banquet Folding Resin Earth Table & GCM Plug Black & White 125v
Home Depot	69.85	01-2540-410-06254	True Temper 18" Mountain Mover Snow Shovels QTY # 5
Mind Wing Concepts Inc	644.85	01-1100-410-01000	Braidy the StoryBraid Kit Caucasian & Ethnic
Vex Robotics Inc	3,556.29	01-1200-410-03120	Starter Kit With Controller Qty # 14
Target	25.20	01-1101-410-01001	Green, Blue & Red Mead 70 Sheet College Ruled Composition Notebooks QTY#30
Vex Robotics Inc	33.26	01-1200-410-03120	Vex Robotics Catapult
University Of Hartford	40.00	01-2200-312-02220	CBDNA Band Directors Workshop 3/11/2016 (A. Dotson)
CF Medical Inc	65.60	01-1200-410-05120	Adult Pads Cartridge for Phillips Defibrillator
GTM Sportswear	208.00	01-1112-410-02012	Small Men's Reliant Singlet QTY#4 & Small Men's Reliant Shorts QYT#4
Supreme School Supply	33.97	01-1100-410-01000	Tardy Slip Book-Carbonless Duplicates-NCR QTY#4
Supreme School Supply	33.98	01-1101-410-01001	Tardy Slip Book-Carbonless Duplicates-NCR QTY#4
WB Mason	189.38	01-2200-410-01220	Colored Paper, Laser Address Labels, Scissors, Envelopes & Hanging Folders
Hillyard/Rovic	1,133.13	01-2540-410-04254	Facial Tissues, Tork Universal Hand Towels & Jumbo Mini Roll Bath Tissue
Hillyard/Rovic	693.64	01-2540-410-02254	Large & Medium Vinyl Gloves, Arsenal Top Clean & Arsenal Suprox
Hillyard/Rovic	345.76	01-2540-410-03254	Antiseptic Hand Lotion Soap 800ml & Caution Wet Floor 2 Sided Sign
Hillyard/Rovic	26.60	01-2540-410-01254	20" Natural Plus Burnish Fllor Pads QTY# 5
Total	**$9,249.28**		
Object 411 & 412			
Vendor Name	**Amount**	**Account Number**	**Description**
Dime Oil LLC	30,699.90	01-2540-411-00254	Plant Heating Oil Pre Pay Second Installment
Dime Oil LLC	30,569.70	01-2550-412-01255	Pre Pay Second Installment Diesel For BOE, DPW & Fire Dept Use
B.A. Muzio Company Inc	80.00	01-2540-411-00254	100 lbs Cylinder (C3H8) For Bus Shed
Amerigas	1,195.13	01-2540-411-00254	511.4 Gallon (C3H8) For Café
Wex Bank	529.98	01-2550-412-02255	Period 1/5/16-1/28/16 Gasoline For SpEd Vans, Mechanic & Plant Power Tools
Total	**$63,074.71**		

Object 420			
Vendor Name	**Amount**	**Account Number**	**Description**
Scholastic Inc	501.29	01-1100-420-02000	Ready-To-Go: Favorites Grade 4 & Ready-To-Go 2: Favorites Grade 4
	0.00	01-1101-420-05001	
Total	**$501.29**		
Object 430			
Vendor Name	**Amount**	**Account Number**	**Description**
	0.00		
Total	**$0.00**		
Object 540			
Vendor Name	**Amount**	**Account Number**	**Description**
American School For The Deaf	635.00	01-1200-540-01120	Audiology Equipment Rental & Consultation Services
Home Depot	1,104.80	01-2540-540-00254	Ariens Deluxe 28" 2 Stage Electric Start Snow Blower & Belt Brush Drive
Hillyard/Rovic	4,803.42	01-2540-540-00254	GoFREE Flex Pro Back Vacuum & Battery, Upright Dual Motor Vacuums QTY#4
Hillyard/Rovic	2,010.37	01-2540-540-00254	Multi Flo XP Floor Finish Machine
Hillyard/Rovic	850.24	01-2540-540-00254	Repaired C3XP Machine & Repaired Upright Dual Motor Vacuum
De Lage Landen	1,833.00	01-2200-540-01220	Period 2/15/16-3/14/16 Copier Lease Monthy Contract Fee
A&A Office Systems Inc	2,238.36	01-2200-540-01220	Period 11/7/15-2/6/16 Copy Charges
Total	**$13,475.19**		
Object 640			
Vendor Name	**Amount**	**Account Number**	**Description**
Horizons Programs Inc	250.50	01-2200-640-03220	Bus Driver In-Service Training
CT Occupational Medicine Partners	90.00	01-2200-640-05220	Bus Driver Public Service License Exam (Lyman)
Deborah Becker	250.00	01-2200-640-03220	Mindfulness Presenter For Staff Meeting
ConnCase	225.00	01-2200-640-03220	2015 Annual Leadership Conference-SpEd Law Year in Review (C>Ford)
Total	**$815.50**		
Report Total	156,872.33		
BMSI Total	156,872.33		
Variance	**$0.00**		
Dr. Longo Contracted $1,500			

3:35 PM

03/16/16

Accrual Basis

Ashford School Cafeteria Fund
Profit & Loss
July 2015 through February 2016

	Jul '15 - Feb 16
Ordinary Income/Expense	
Income	
Catering	1,978.70
Daily Sales	25,518.97
Intergovernment Revenue	51,127.75
On-line Prepays	15,461.35
Reimbursement	-551.64
Total Income	93,535.13
Expense	
Continuing Education	1,050.00
Delivery Charges	308.00
Employee Pension	1,361.33
Food Purchases	22,123.49
Ice Cream Purchases	1,323.55
Insurance Expense	7,742.99
Milk Purchases	5,537.52
Payroll Expense	52,298.27
Repairs	656.20
Supplies	1,760.85
Taxes	
Employer FICA	3,924.30
Total Taxes	3,924.30
Tech support	400.00
Total Expense	98,486.50
Net Ordinary Income	-4,951.37
Net Income	**-4,951.37**

Ashford School Cafeteria Fund
Statement of Cash Flows
July 2015 through February 2016

	Jul '15 - Feb 16
OPERATING ACTIVITIES	
Net Income	-4,951.37
Adjustments to reconcile Net Income to net cash provided by operations:	
Intergovernmental Receivables	91.46
Accounts Payable	-1,425.43
Due to Other Funds	6,764.54
Net cash provided by Operating Activities	479.20
Net cash increase for period	479.20
Cash at beginning of period	23,319.21
Cash at end of period	**23,798.41**

Ashford School
Board of Education

Principal's Report – Troy C. Hopkins
March 17, 2016

STEAM Work
We our having an Art Show on Monday, March 14th from 5:30 p.m. to 7:00 p.m. This event will occur simultaneously with the book fair. All grade levels had their first STEAM event at which students displayed, presented, or performed their projects that related to a semester-long theme. We are now evaluating the events.

Ashford School has been full of STEAM recently. Possibly you witnessed or heard about the following:

- excited students who have tremendous ownership of their work
- students and staff beaming with pride
- students effectively communicating through writing and speaking
- students seeing purpose for in their learning
- students learning from each other
- teachers actively engaging in the learning process with their students
- demonstration of collaboration skills
- happy parents seeing their children so engaged in learning
- students feeling successful and developing confidence

Rebecca Aubrey presented at the 10th CCSU Conference for Language Teachers: Integrating Heritage Speakers and Foreign Language Learners in the Classroom. Her workshop was titled - Ashford School: Making it STEAMy: Project-based, interdisciplinary learning in the World Language classroom

Greenhouse and Gardening at Ashford School
We hosted a community conversation about use of a school greenhouse. During the gathering of teachers, community members, and a member of the Board of Education, several ideas were shared and discussed. The foundation for the greenhouse is the result of enthusiastic collaboration between the Board of Education, community members, the town, and school.
The greenhouse has arrived and we are planning assembly during the week of March 21-24th.

Assessment
Students in grade 5 and grade 8 have completed the CMT in Science! Upon a recent direction of Governor Malloy and Education Commissioner Wentzell, students will not be taking the ELA performance task, which was the major writing component of the Smarter Balanced Assessments. Our next day of testing will be Monday, March 28th.

Climate
The Climate Committee compiled a report about staff morale and is in the process of developing an action plan. In order to ensure better communication among the staff, I have now completed two principal update email reports and plan to continue this practice throughout the rest of the school year.

After School Activities
Please find the attached second trimester report and the third trimester brochure of activities. For all trimesters together 365 student spots were accommodated. These grew over the year from 95 in the first trimester, to 128 in the second trimester, to 142 in the third trimester. We are quite pleased with the results of this first year of the after school program!

Plans for Next Year
We are in the midst of formulating plans for next year to improve writing, enhance our STEAM initiative, focus on student success planning, and increase behavioral supports. These plans will include some changes in staff assignments. I will discuss more about our plans in future reports.

Late Bus

The late bus is available Monday through Thursday at 4:30 p.m. for students in grades 3 – 8.

Students who have not been picked up by their parents/guardians by 4:30 p.m. will be placed on the late bus, as no supervision is available at the school after 4:30 p.m. The teacher will attempt to make contact with the parent when placing the child on the late bus.

Students in grades 3-4 need a note on the day of the activity unless stated on the permission slip.

Students in grades 5–8 are responsible for signing up on the After School Sign-up Sheet in homeroom on the day they are staying.

Spring Session
February 29th – May 13th

Please return the permission form to the office by Monday, Feb. 22nd.

Space is limited. Please sign-up early to reserve your spot!

New*
After School Activities and Clubs page on the Ashford School website.
Updates and schedule changes will be posted there.

If you have any questions please do not hesitate to call the office at 860-429-6419 *ext. 355.*

Ashford School

After School Activities and Clubs

Spring Session
February 29th – May 13th

Gardening Club

Spring is here and it is time to start thinking about gardening! With the potential of a new school greenhouse and some outside garden space we will have lots of opportunities to get our hands dirty and get growing.

Grade levels – 3-8
Day – Mondays
Instructor – Mrs. Knowlton

Incredible Edibles Club

Discover what makes vegetables so good for you as you interact with these healthy superfoods. Students will work as a team to prepare veggie-based recipes they can share with friends and family.

Grade levels – 3-5
Day – Mondays
Instructor – Miss Anderson

Fun with Zen Doodling Club

Join us for some creative drawing, doodling, and tangling! We will create fun art and drawing pieces using pencil, pen and ink, and marker. We will create drawings, doodles, cards, a coaster tile, and much more.

Grade levels – 4-8 (First time Zen Doodlers only)
Day – Mondays
Instructors – Mrs. Courtright & Mrs. Sibley-Jett

Unique Sports Club

Are you looking to be active but want something other than track, baseball, or softball? Come join the Unique Sports Club where we will try a new game/sport each week! We will play Ultimate Frisbee, Lacrosse, Volleyball, Double-dutch Jump Rope, Flag Football, and more!

Grade levels – 5-8
Day – Mondays
Instructor – Ms. Manfre

Fun with Theater Arts Club

Students will explore the world of theater through improvisational games and develop the skills necessary to perform on stage. This will be a fun time to explore their creative sides and learn about acting.

Grade levels – 3-5
Day – Wednesdays
Instructor - Mrs. Conway

RC Car Club

Bring your RC car or truck. Learn basic skills and practice them by wrenching and driving. We will split time between the shop and driving.

Grade levels – 5-8
Day – Wednesdays
Instructor - Mr. Horn
Limited to 10 students

Creative Writing Club

Are you someone who loves to write? Do you have an incredible idea for a novel, comic, short story or poem? Join us for creative writing club, where we will exchange stories, give each other writing tips, and write together!

Grade levels – 5-8
Day –Wednesdays
Instructor – Mrs. Craven

Homework Help Club

Does your homework sometimes pile up on you? Do you need a quiet place to study? Would you like some help getting your homework done? Join Homework Help Club with Ms. Aubrey and her Homework Helpers.

Grade Levels – 3-8
Day – Thursdays
Instructor - Ms. Aubrey

Kids Marathon Club

This club is for students of all fitness levels who are interested in participating in the Kids Marathon event June 4th at EO Smith. To participate, students complete 25 miles of walking or running. They finish their last 1.2 miles together at the celebratory event in June! Bring comfortable clothes and sneakers as well as a water bottle to club!

Grade Levels – 3-4
Day – Thursdays
Instructors – Mrs. Burnham & Mrs. Lindsay

Tabletop Game Club

Students will have the opportunity to play a wide variety of board games in an environment that encourages collaboration and friendly competition; a few of the available games are Carcassonne, Splendor, Settlers of Catan, Ticket To Ride, Machi Koro, King of Tokyo and Euphoria: Build a Better Dystopia. New games may be added throughout the trimester.

Grade levels – 6–8
Day – Thursdays
Instructor – Mr. Kiefer

" ...a chance to do different things and try something new."

"They are a very fun and give me the chance to do different things."

"My favorite part about the club is that you can be creative and express yourself."

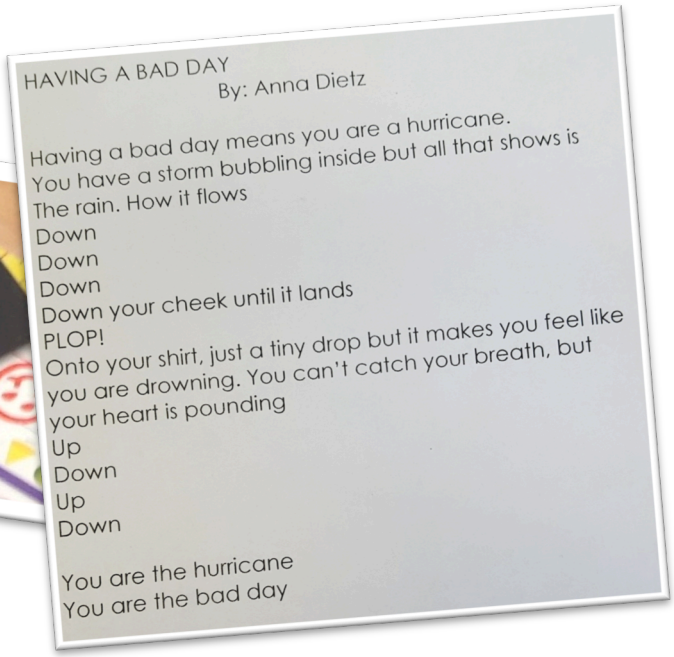
"I like that we have a very peaceful time and it is really fun."

Winter Session of After School Clubs and Activities

We ran seven clubs in the second trimester. We had 113 students participating giving us a slightly higher average then the first trimester of almost 40 students staying each day for clubs. Working more with the students' creative sides this trimester, running clubs such as Fun with Zen Doodling, Paper Crafts, Creative writing and our most popular club Fun with Theater Arts. Gardening club worked with the students on preparing students on how to grow a garden in the Spring. Brain Games worked on strategic board and card games. Spanish Game Club offered much more then games, as older students have joined voluntarily to create different stations for the younger students. The Spanish Game Club had Grades 3 – 8 working together.

Some clubs are more popular than others and we end up having to turn students away when a club reaches a certain number. The most we have in a club with one instructor is twenty at a time. In the first trimester, one of our biggest struggles was organizing the late bus to get the students home in a timely manner. We have worked closely with transportation in organizing the late bus pass system. We still have the issue of students forgetting to stay for their club. A list of the students signed up for a club is sent to the classrooms at the end of the day. However, sometimes younger students simply forget. We are hoping the new club page on the Ashford School website will help the parents and students remember what club they have that day.

Students are looking forward to future clubs, such as cooking, free drawing, soccer/ sports clubs, and sewing club. The spring trimester is starting Monday Feb, 29th.



HAVING A BAD DAY

By: Anna Dietz

Having a bad day means you are a hurricane.
You have a storm bubbling inside but all that shows is
The rain. How it flows
Down
Down
Down
Down your cheek until it lands
PLOP!
Onto your shirt, just a tiny drop but it makes you feel like
you are drowning. You can't catch your breath, but
your heart is pounding
Up
Down
Up
Down

You are the hurricane
You are the bad day

Ashford School
BOE Assistant Principal's Report – Garrett J. Dukette
March 10, 2016

Writing

Winter benchmarks have been completed and scores have been uploaded. Data teams over the next few weeks will focus on A) How well students made growth in regards to the goals set during trimester two, and B) What the specific growth goals will be for trimester three.

The closing of the second trimester marks the end of the year one segment of the Writing Pathways rollout goal. The three-year plan entails rolling out a third of the program for each year of the goal, culminating in full implementation during year three. This slow rollout will allow for teachers to adapt current practice to the new demands of the program; additionally, this slow rollout will minimize impact on other teaching demands.

Moving forward, teachers who have attended Teacher's College PD will be presenting ten to fifteen minute writing mini-lessons to the staff at monthly faculty meetings. This train the trainer approach will allow our school to better maximize the benefits of workshops by spreading new learning and knowledge across a larger portion of our staff.

Curriculum and Instruction

Continued focus on vertical articulation, with a goal of complete articulation being completed in Language Arts, Spanish, Math, and Science prior to the end of the school year. Additionally, during a half-day working session, a small group of teachers will be working on vertical articulation of the learning tasks related to 21st century skills (Ashford School's defined 21st century skills are: *autonomy, creativity, collaboration, communication, critical thinking, cultural competency, innovation, perseverance, self control, motivation to learn*). This will be critical for directly tying instruction of the 21st century skills into the curriculum across all subject areas. Research shows (see attached excerpt) that 21st century skills are more important than content knowledge in regards to facilitating successful, life-long learning skills in our students. Students who master 21st century skills are better able to engage with challenging tasks and problems both in educational and work settings.

Student Motivation and Behavior

Through lengthy conversations with the PBIS team, a decision has been made to place heavy emphasis on PBIS during the 2016-2017 school year. Over the remainder of this school year we plan to send a core group of teachers to training on training in restorative discipline in the classroom. The administration will work with this group of teachers to share this learning with the broader staff next year.

Communication

As of Friday February 12, there have been more 229+ phone calls home for "Pawsitive office referrals"

It Takes Some Getting Used To: Rethinking Curriculum for the 21st Century

by Arthur L. Costa and Bena Kallick

Excerpt From: Edited by Heidi Hayes Jacobs. “Curriculum 21: Essential Education for a Changing World.” iBooks.

Bena bought a new car. It has some gadgets that her old one didn't have. To put it in "park," for example, she has to press a button on top of the gear lever. That's not like the procedure she used in the old car, where she advanced the gearshift to the "P" in the farthest forward position. "I can do it, but it takes some getting used to," she sighs.

Marie has an interactive whiteboard in her 4th grade classroom. She always projects her PowerPoint presentations to students with an LCD projector. Now she can get on the Internet as well as make her PowerPoint presentations. "But," she says, "it takes some getting used to."

Tom, an experienced high school science teacher, knows that he must break the apathy of his students by providing more hands-on, high-tech kinds of problems to solve. However, he has been successfully teaching his students using the more typical lab experiences for the past 15 years. It is only in the past five years that he has realized that the content of the curriculum is not all that is important. He must also engage his students with processes of thinking and problem solving. "I really have to rethink everything that I have been doing in light of new technologies and a more diverse student population," he says as he maps revisions to his curriculum for the fourth time in four years. "It takes some getting used to.”

Jose is sitting in the class drumming his fingers, waiting for the time when he can get on the Internet. His teacher has been talking for a long time, and he is ready for some action. He wants to do some research on the periodic table. He is intrigued by how someone actually identified the elements. He found a really good Web site that provides this history, and he cannot wait to get back to it. Natasha is developing a documentary film that will show how the civil rights movement served as a stepping-stone for the candidacy of Barack Obama. She has been working on her home computer to edit the film and cannot wait for the school day to end so that she can get back to her homework project.

Our students are in the 21st century, and they are waiting for the teachers and the curriculum to catch up.”

“Shifting Our Mental Models

Changing our mental models about what we teach, how we teach it, and how we assess students' learning growth will take some getting used to. Such changes require open-mindedness, flexibility, patience, and courage. Changing curriculum is about changing your mind first and then forming some new habits and routines as you abandon old ones. As educators, we are all really futurists because we are trying to prepare students for the present and, at the same time, for a future that does not yet exist. We need a shared vision of the skills and dispositions that students will need to be successful regardless of the content.

Educators are realizing that the new vision for educating students is more concerned with survival skills needed for our children's future, for the perpetuation of our democratic society, and even for our planetary existence. In its Framework for 21st Century Learning, the Partnership for 21st Century Skills (n.d.) lists the following "Learning and Innovation Skills":”

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication and Collaboration

Tony Wagner (2008) talks about "rigor redefined" and suggests that such skills as critical thinking, problem solving, collaboration and leadership, agility and adaptability, initiative and entrepreneurialism, effective oral and written communication, accessing and analyzing information, curiosity and imagination are necessary for learning in school, in the workplace, and in life.

This vision reflects a curriculum of processes that serve as leverage for learning any content. It is a curriculum that gives students practice engaging with complex problems, dilemmas, and conflicts whose resolutions are not immediately apparent. And what is most significant about these processes is that they are as significant for adults as they are for students. We refer to these processes as Habits of Mind—dispositions or attitudes that reflect the necessary skillful behaviors that students will need to practice as they become more thoughtful in their learning and in their lives."

"We have identified 16 vital habits that are necessary for success in school, work, and life (Costa & Kallick, 2000, 2009). The 16 Habits of Mind are as follows:

1) Persisting: Stick to it! Persevering in a task through to completion; remaining focused.
2) Managing impulsivity: Take your time! Thinking before acting; remaining calm, thoughtful, and deliberative.
3) Listening with understanding and empathy: Understand others! Devoting mental energy to another person's thoughts and ideas; holding in abeyance one's own thoughts in order to perceive another's point of view and emotions.
4) Thinking flexibly: Look at it another way! Being able to change perspectives, generate alternatives, consider options.
5) Thinking about your thinking (metacognition): Know your knowing! Being aware of one's own thoughts, strategies, feelings, and actions and their effects on others.
6) Striving for accuracy and precision: Check it again! A desire for exactness, fidelity, craftsmanship, and truthfulness.
7) Questioning and problem posing: How do you know? Having a questioning attitude; knowing what data are needed and developing questioning strategies to generate information.
8) Applying past knowledge to novel situations: Use what you learn! Accessing prior knowledge; transferring knowledge beyond the situation in which it was learned.
9) Thinking and communicating with clarity and precision: Be clear! Striving for accurate communication in both written and oral form; avoiding overgeneralizations, distortions, and deletions.
10) Gathering data through all senses: Use your natural pathways! Gathering data through all the sensory pathways—gustatory, olfactory, tactile, kinesthetic, auditory, and visual.
11) Creating, imagining, and innovating: Try a different way! Generating new and novel ideas, fluency, originality.
12) Responding with wonderment and awe: Have fun figuring it out! Finding the world awesome and mysterious, and being intrigued with phenomena and beauty."
13) Taking responsible risks: Venture out! Being adventuresome; living on the edge of one's competence.
14) Finding humor: Laugh a little! Finding the whimsical, incongruous, and unexpected. Being able to laugh at oneself."
15) Thinking interdependently: Work together! Being able to work with and learn from others in reciprocal situations.
16) Remaining open to continuous learning: Learn from experiences! Having humility and pride when admitting we don't know; resisting complacency."

Director of Pupil Personnel Service Report

March 17, 2016

Submitted By: Cynthia Ford

Crisis Prevention Intervention:

- Last refresher of the year coming up March 16, 2016.
- Two groups of teachers will be going through the 3-hour refresher class. This will bring us up to date on refreshers.
- Still need the full course for 3 teachers but we are almost at 100% trained in de-escalation techniques.

Disability Trainings:

Providing in-house training for common disabilities is important to give teachers an understanding of how to reach these students and give them strategies to use in the classroom. This will also include the paraprofessionals.

- Planning a series of trainings on some of the most common disabilities to all teachers for the beginning of the 2016-2017 school year.
- Some examples: Attention Deficit/Hyper Activity Disorder (ADHD), Autism, and Oppositional Defiant Disorder (ODD)
- Training for teams of teachers working with other specific disabilities.

End of the Year Planning:

- 8th grade 504 and Independent Education Plan (IEP) meetings are scheduled with the receiving schools to review student's plans and help plan for the up coming school year.
- Planning has begun for our Extended School Year Program.
- Work has begun on the IDEA Federal Grant.

Jennifer Barsaleau <jbarsaleau@ashfordct.org>

resignation notice- Feb. 28, 2016

carol k <starfox2484@yahoo.com> Mon, Feb 29, 2016 at 2:52 AM
Reply-To: carol k <starfox2484@yahoo.com>
To: danielle mcmullen- union rep <dmcmullen@ceui.org>, JEN <jbarsaleau@ashfordct.org>

bd. of education,

It is with regret that I am sending this, it`s been a good 25- 26 years & I will miss everyone, but this is my resignation letter. I am resigning my position as bus/ van driver effective immediately. Dated this 28th day of Feb., 2016

sincerely,

Carol Krupa
😎Have a great day!!

ROCKFALL COMPANY

CONCEPTUAL DESIGN & BUDGET PROGRAM AGREEMENT
FOR
INDUSTRIAL ARTS AREA RENOVATION
ASHFORD SCHOOLS
March 14, 2016

This Agreement is between The Ashford schools (The Owner) and The Rockfall Company LLC (The Designer) to Develop Conceptual Designs, Schematic Plans and a Conceptual Budget for the renovation of the Ashford High School Industrial Arts Area into classrooms, offices and storage area.

SCOPE OF WORK

1. **WEEK 1** - Designer to meet with Owner's representatives to define and agree upon the operational needs for the proposed renovation.
2. **WEEK 1 -** Designer and Owner's representatives will define, develop and agree upon a Project Scope of Work.
3. **WEEK 2 -** Designer to develop conceptual project plans based on the agreed upon needs and Project Scope of Work.
4. **WEEK 3 -** Designer will present conceptual project plans based on the agreed upon needs and Project Scope of Work for Owner's review.
5. **WEEK 3 -** Designer and Owner's representatives will discuss and refine conceptual plans.
6. **WEEK 4 -** Designer will refine and modify conceptual plan per agreed to refinements and present to owners..
7. **WEEK 4 -** The Rockfall Company LLC will develop and present project budget and renovation time lines.
8. **WEEK 5** – Meet with local officials for a Plan and code review.
9. **WEEK 5 -** The Rockfall Company LLC will prepare Final Schematic Plans and Final Conceptual Budget based on the Plan review and Owners approval.

Cost of the above Conceptual project $ 4,800.00.
50% due upon signing
50% upon project Completion

ACCEPTED:

For: The Rockfall Company LLC

3/17/16

Henry C. Racki Jr — Date

For: Ashford School Owner

James Lagan — 3/18/16

(Print Name) — Date

The Rockfall Company LLC
25 Columbus Avenue Meriden CT 06451

HIC 0559832 NHC 352 Tel. 860.349.1758 Fax 860.349.7182 Email info@rockfallco.com

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