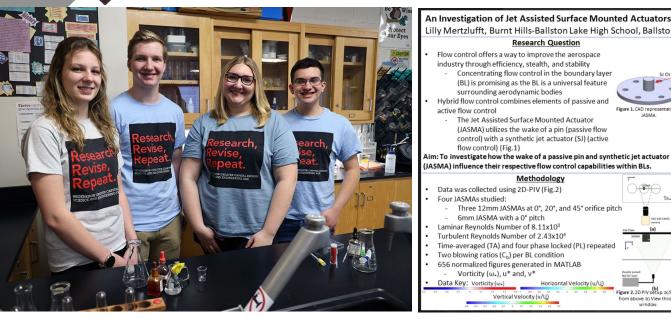


2024-25

BUDGET FORUM

April 10, 2024

SCIENCE RESEARCH



An Investigation of Jet Assisted Surface Mounted Actuators in Laminar and Turbulent Boundary Layers ETSD029 Lilly Mertzlufft, Burnt Hills-Ballston Lake High School, Ballston Lake, New York, United States Selected Figures Baseline C_b=1.0 C_b=1.5

Figure 3. Laminar <u>TA</u> contours of 12mm 0° pitch JASMA Figure 4. Turbulent TA contours of 12mm 0° pitch IASM. Figure 1. CAD representation of All flow is from left to right. All flow is from left to right 90° C =1.0 270° 90° Ch=1.5 270° C_b=0.25 270° 90° C_b=0.5 270° Figure 6. Laminar PL contours of 6mm 0° pitch JASMA Analysis & Conclusion Turbulent Reattached region of separation C_b=0.25 was too weak and had little over pin seen in baseline case (Fig.3) effect on pin structures (Fig.4) Potential to manipulate BL C_b=0.5 had an effect on structures Global phenomenon suggests arch-Would need a higher C_b to vortex shedding locked onto SJ have a greater influence (Fig.4) frequency (Fig.5) No global phenomenon (Fig.6) Data re-taken to confirm The arch-vortex did not shed previously unseen structures at frequency of the SJ upstream of orifice C_b was not powerful 6mm JASMA C_b=1.5 cases disrupted pin wake structure coherence (Fig.5) - Differing BL thicknesses igure 2, 2D PIV setup, a) Setup JASMAs offer a viable flow control solution in various boundary layers. from above, b) View through The global phenomenon shows atypical behavior requiring further investigation.

esearch Students Win Awards at State Science Fair, Mertzlufft to ompete at International Fair

MODEL UN AWARD OF DISTINCTION





March 15, 2024

High School Students Participate in Model UN Conference, Receive Award of Distinction

Friedman, Sullivan Accepted into NYSSMA All-States

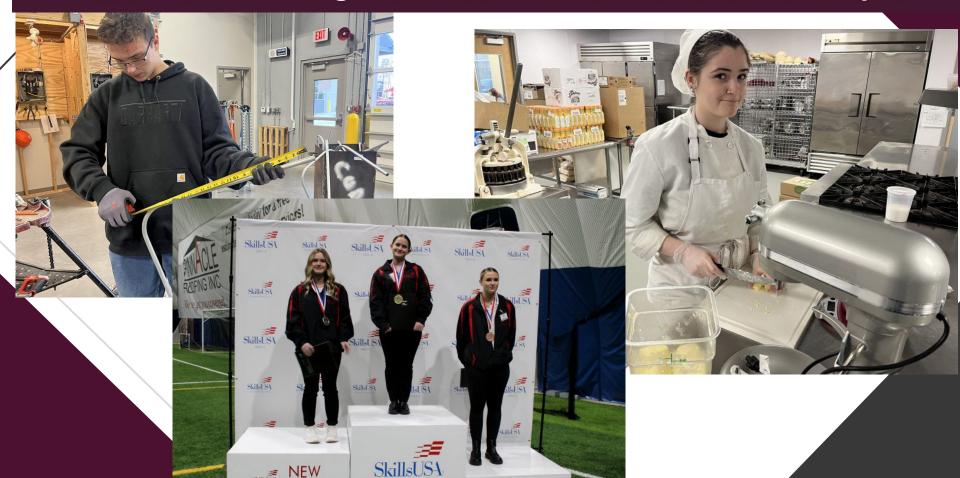




February 6, 2024

Robotics Team Experiences Growth & Success, Preparing for State Competition

HS Students Win at Regional SkillsUSA, Advance to State Competition



Wood, Law Named Regional Art Show Winners



Awarded The Albany Center Gallery Membership Award Caleb Wood Grade 10 Ms. Dolan's Digital Art Class



Awarded The Opalka Gallery
Membership Award
Clara Law
Grade 12
Mrs. Layden Advanced Studio Class

High School's TechFest = Success!





March 6, 2024

O'Rourke's OM Team Wins Regional Competition, Advances to States





NYS Champs!

Girls
Volleyball
Class A





NYS Champs! Boys Cross Country Class B





NYS Champ!

Wrestling 145 lb.





NYS Champs! Indoor Track 4x400 Relay





Unified Bowling

HIGHLIGHTS

- Science Research Students Advance to States
- Model UN Awards of Distinction
- HS Students Accepted into All-States
- Robotics Team Experiences Growth, Success
- HS Students Win at Regional SkillsUSA,
 - Advance to States

HIGHLIGHTS

- Wood, Law Named Regional Art Show Winners
- HS Tech Fest = Success!
- Successful Fall & Winter Athletics (4 state titles)
- O'Rourke's Odyssey of the Mind Team Wins Regionals, Advances to States

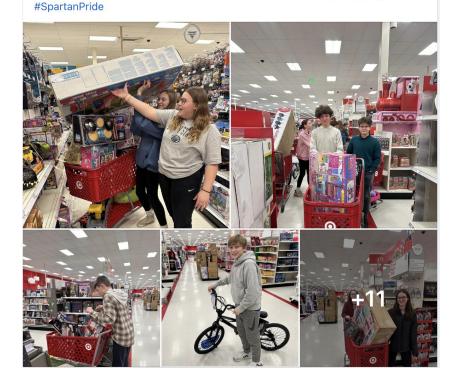
HIGHLIGHTS

- Passage of 2023 Capital Project
- NYS Reward High School
- Community Service Opportunities

Published by Tara Boscherini-Mitchell ② · December 7, 2023 · ③

What's a \$4,000 shopping spree look like? This.

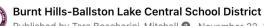
O'Rourke NJHS students and advisor Mrs. Hills raised funds and researched toys before they shopped and shopped and shopped! All because they wanted to be a part of helping bring joy to children this holiday season. #Toys4Tots |





"I just wanted to do something kind for others," said 7th grade Spartan Cohen Kerby who used all of his allowance to buy 320 food items for the district's holiday food drive that supports local families. #GreatDay2BeASpartan





Published by Tara Boscherini-Mitchell ② · November 22, 2023 · ③

A HUGE thank you to our community for donating nearly 6,000 food items for BH-BL's annual food drive. #SpartanPride











Burnt Hills-Ballston Lake Central School District

Published by Tara Boscherini-Mitchell ② · November 8, 2023 · ③

O'Rourke imPACT members leave 💓 🍁 a positive "impact" on the BH-BL community!

(Thank you imPACT advisors Nick Morocco, Kevin Debonis and Todd Bucci for the assist!)





Thank you, Veterans. Thank you.



BUDGET FACTORS

- Inflation Impacts
- Foundation Aid & Student Population
- Growth in Student Needs
- Increase opportunities & enhance programming in sustainable and innovative ways

BUDGET AT A GLANCE

\$84,923,072

Proposed 2024-25 budget

4.11%

Budget-to-Budget Increase 2.91%

Estimated tax levy increase

BUDGET AT A GLANCE

1.98%

Estimated tax rate increase

13TH

Year in a row below tax cap

1.24%

10- Year Annual Weighted Average tax rate increase



Investing in BH-BL

Maintaining program additions added over three years through Federal grant funding:

MS Class Size Reduction

Additional sections in grades 6-8 including the half team in grades 7 & 8

Expansion of 6th Grade Enrichment

New offerings to encourage interest in various academic areas.

Elementary Math Specialists

Provide early intervention and support with mathematical skill development.

Elementary Counseling Program

Comprehensive social-emotional curriculum including character development and career awareness, individual & group counseling

HIGH SCHOOL TRANSITIONS PROGRAM EXPANSION

Redesign into two programs to provide support for special needs students, ages 14-22, developing academic and life skills.

NEW INSTRUCTIONAL RESOURCES

K-5 ELA series aligned to the science of reading and current research around literacy acquisition.

Science materials aligned to the new standards, assessments & required lab activities.

SPORTS & EXTRACURRICULAR

The continued support and growth of the Girls Flag Football program and a Unified Bocce team.

REVENUES & EXPENDITURES

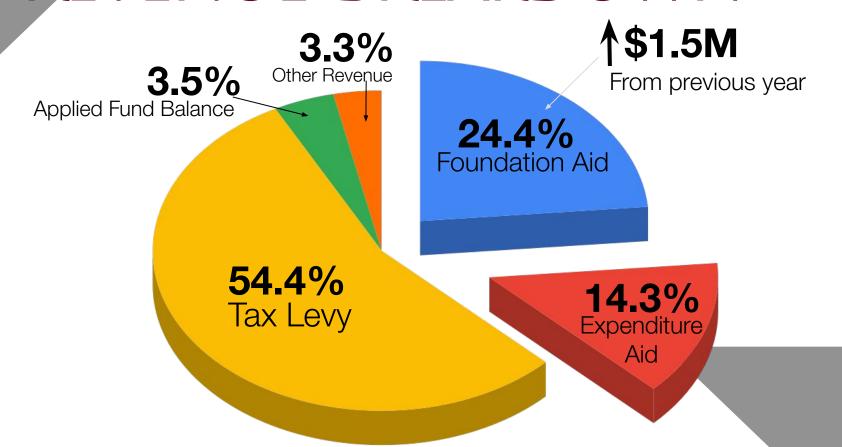
EXPENDITURES

	2023-24 budget	2024-25 budget	Change from '23-'24			
Instructional Equipt.	\$1,662,747	\$1,676,958	0.85%			
Transportation	\$2,448,000	\$2,579,152	3.04%			
Salaries	\$40,253,971	\$43,516,372	8.10%			
Employee Benefits & payroll taxes	\$18,718,134	\$19,207,227	2.61%			
Debt Service & Interfund Transfers	\$6,994,208	\$7,193,783	2.85%			
Curr/SPED	\$3,173,369	\$2,753,827	(13.22%)			
Other	\$8,319,693	\$7,995,753	(3.89%)			
Total	\$81,570,122	\$84,923,072	4.11%			

REVENUES

Category	2024-25 budget	\$ Change from '23-24	% Change from '23-24
NYS Expenditure Aid	\$12,118,626	\$963,712	8.64%
NYS Foundation Aid	\$20,741,686	\$1,510,654	7.86%
Tax Levy	\$46,224,894	\$1,307,108	2.91%
Other Revenue	\$2,837,866	\$71,476	2.58%
Applied Fund Balance	\$3,500,000	(\$500,000)	(14.29%)
TOTAL	\$84,923,072	\$3,352,950	4.11%

REVENUE BREAKDOWN



TAX IMPACT HISTORY

School Year	Tax Levy Increase	Weighted Average Tax Rate Increase
2018-19	2.90%	1.80%
2019-20	2.90%	1.74%
2019-20	2.90%	1.74%
2021-22	2.30%	1.37%
2022-23	2.50%	1.82%
2023-24	1.12%	(0.08)%
2024-25	2.91%	1.98% - Estimated

TAX IMPACT HISTORY

											-
	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	Town 10-Yea Avg. Increase
n											
ton	3.80%	1.78%	-0.43%	2.09%	0.63%	2.72%	2.00%	2.07%	1.82%	-2.41%	6 1.41%
lton	-0.77%	0.47%	-0.12%	1.73%	3.22%	-1.76%	-1.57%	1.59%	-1.76%	3.35%	6 0.44%
n Park	0.64%	1.89%	-0.12%	-1.10%	2.33%	2.25%	5.39%	1.59%	0.91%	6.42%	6 2.02%
ville	-0.40%	2.96%	0.95%	1.05%	2.13%	2.53%	1.41%	0.40%	3.15%	-0.49%	6 1.37%
. Weighted Avg	1.16%	1.95%	0.15%	1.46%	1.80%	1.74%	1.32%	1.37%	1.56%	-0.08%	6 1.24%
evy Increase	1.94%	2.68%	1.32%	1.96%	2.90%	2.90%	2.90%	2.30%	2.50%	1.12%	6 2.25%
rable Difference to New truction	0.78%	0.73%	1.17%	0.50%	1.10%	1.16%	1.58%	0.93%	0.94%	5 1.20%	6 1.019

ESTIMATED TAX IMPACT BY TOWN

\$100.99

Ballston: Median Assessed Value \$213,050 (Market Value: \$302,199)

Charlton: Median Assessed Value \$158,400 (Market Value: \$288,000)

\$121.17 Clifton Park: Median Assessed Value \$141,400 (Market Value: \$207,942)

\$87.73 **Glenville: Median Assessed Value** \$178,500 (Market Value: \$273,492)

SCHOOL TAX EXEMPTIONS

STAR
Basic & Enhanced
Credits/Exemptions



Veterans' & Firefighters'
Both veterans and firefighters can apply for exemptions through their town assessor's office

BOARD OF EDUCATION ELECTION

Resident to select **two** candidates (3-year terms)

Meet-the-Board-Candidates Night, Wednesday, May 15 at 7 pm, HS Library

ABSENTEE BALLOTS

- → Qualified voters unable to vote in-person (illness, out of town) can vote via absentee ballot
- → Complete the Absentee Ballot application (on website or at District Office)
- → Absentee Ballots are due by5 pm, Tuesday, May 21

EARLY MAIL VOTING

- Qualified voters may now vote early by mail
- → Complete the early mail ballot application and return between April 22 & May 14 (if ballot is to be mailed) or by May 20 if ballot is to be personally delivered
- → Ballots due by **5 pm, Tuesday, May 21**

TUES, MAY 21

SCHOOL BUDGET VOTE

Polls open from 7 am to 9 pm BH-BL High School Gym

