

Plainedge Public Schools 2026-2027 Budget Presentation

Curriculum & Instruction

Presentation to the Board of Education

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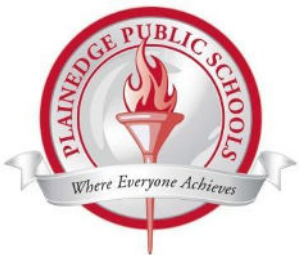
Curriculum & Instruction Budget

A Historical Perspective

2025-2026: \$1,347,217

2026-2027: \$1,538,546

Year-to-Year Change: +\$191,329 → 14.2% Increase



2026-2027 Recommended Budget

Item Description	2025-2026	2026-2027	Difference
Non-BOCES Professional Development	\$118,195	\$118,895	\$700
Membership Dues	4,200	4,000	-200
BOCES Professional Development	46,107	58,000	+11,893
Supplies for Training	24,000	24,000	0
C & I Supplies	7,000	7,000	0
District Textbooks	230,510	251,259	+20,749
STEAM/STREAM K-12	31,250	31,250	0
BOCES Services	548,263	667,450	+119,187
Contractual Services	24,000	22,500	-1,500
Maria Regina Library Allocations	1,032	1,032	0
Private School Textbooks	30,000	30,000	0
Summer Program/Adult Ed/STARS	282,660	323,160	+40,500
Total	\$1,347,217	\$1,538,546	\$191,329

Academic Core Classes K-12

- ▶ Cross-curricular endeavors
 - ▶ Artificial Intelligence (AI)
 - ▶ Teacher Training
 - ▶ AI Literacy for students in Grades 9–12, coming soon for Grades 6–8
- ▶ Opportunities for vertical alignment and articulation K-12
- ▶ Continued implementation of the New York State Next Generation Learning Standards in ELA, Math, Science, & Social Studies
- ▶ Data Analysis
 - ▶ NWEA
 - ▶ NoRedInk
 - ▶ enVision
 - ▶ Magma Math
 - ▶ Castle Learning
 - ▶ Regents Item Analysis
 - ▶ AP Analysis
 - ▶ Acadience Progress Monitoring



Congratulations to Summa Cum Laude Students

K-12 Humanities

- ▶ The Writing Revolution Professional Development
- ▶ Seal of Civic Readiness
- ▶ Science of Reading for Multilingual Learners Toolkit
- ▶ District Wide Summer Reading
- ▶ Secondary Science of Reading
- ▶ Social Studies Curriculum Rollout Grades K-5
 - ▶ Interdisciplinary work
- ▶ UFLI Phonics
 - ▶ Encoding
 - ▶ Decodables
- ▶ NoRedInk (Grades 3-11)
- ▶ Next Generation Learning Standards
 - ▶ Alignment to the Next Generation ELA Regents
 - ▶ Professional Development



K-12 Mathematics, Science, & Technology (MST)

► Professional Development

- Earth and Space Science & Biology Regents (2025-2026)
- Chemistry & Physics Regents (2026-2027)
- K-6 Math Program
- K-12 Magma Math
- Next Generation Math Regents
 - Algebra II (2025-2026)



Student Thinking Spotlight

Find the product.
 $2 \times 20 =$

CORRECT ANSWER: 40

Student 2: $20 \times 2 = 40$

Student 3: $2^0 \times 2 = 210$

Student 4: $2 \times 20 = 210$
 $11 \ 11$
 $20 + 20 = 40$

3rd Grade Class

Student Thinking Spotlight

Simplify into a single base and exponent.
 $5p^2 (3p)^0$

CORRECT ANSWER: $5p^2$

Student 1: $\frac{5p^2}{1}$

Student 2: $\frac{5p^2}{(3p)^0} = 17$

Student 3: $\frac{5p^2}{(3p)^0} = \frac{5p^2}{1} = 5p^2$

Student 4: $\frac{3}{4}$

Student 5: $\frac{3}{4} \text{ Power}$
 $\frac{3}{4} \sqrt[3]{004}$
 $\sqrt[4]{x^3}$

Student 6: $\sqrt[4]{x^3} = \sqrt[4]{x^3}$

Student 7: $\frac{\sqrt{49x^2}}{4} = \frac{7x}{4}$

Student 8: $\frac{\sqrt{49x^2}}{4} = \frac{7x}{4}$

Algebra II

New High School Course Offerings*

▶ College Pre-calculus with Lab

- This course deepens students' mastery of algebraic and analytic concepts including functions, trigonometry, and limits to prepare them for AP or College Calculus while offering a concurrent hands-on lab and the opportunity to earn three college credits through Molloy University.

▶ AP Pre-calculus

- This course provides an advanced study of polynomial functions and introductory calculus to prepare students for AP Calculus BC, requiring either the completion of the AP Pre-Calculus exam or the pursuit of college credit through Molloy University.

▶ Advanced Algebra

- This course emphasizes conceptual understanding and real-world applications of algebra, trigonometry, and analytic geometry for students seeking an accessible path toward calculus without the immediate pressure of a college-level curriculum.

** Dependent on minimum enrollment*

New High School Course Offerings*

▶ **Foundations of Fitness**

- This supportive, empowering course helps students build confidence and competence in fitness by teaching them to design personalized plans focused on movement, strength, and overall wellness in a safe, technique-oriented environment.

▶ **Future Ready Leaders**

- This elective course empowers students to become confident, active leaders through a multi-year cohort model starting in 10th grade, focusing on real-world collaboration and core leadership competencies to drive positive change within the school community.

▶ **Financial Literacy for Life**

- This course equips students with the knowledge and practical skills to make informed financial decisions about budgeting, credit, saving, investing, taxes, and managing financial risks for their future.

** Dependent on minimum enrollment*

Pathways

- ▶ **Creative Industries & Media Innovation**
- ▶ **Business Leadership and Entrepreneurship**
- ▶ **STREAM – Science, Technology, Engineering, Art/Architecture & Mathematics**
- ▶ **Medical, Behavioral Science & Human Performance**
- ▶ **Law, Society & Communication**
- ▶ **Problem Solving & Data Analytics**
- ▶ **Global Citizenship & International Studies**
- ▶ **Technical Careers & Skilled Professions**

[CLICK HERE →](#)



**2026-2027
Curriculum & Program Guide**

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STREAM

Continued support of cross-curricular endeavors PreK-12

- ▶ Greenhouse
- ▶ Media & TV Productions
- ▶ Planetarium
- ▶ PreK STEAM
- ▶ Forensics
- ▶ Entrepreneurship & Investment
- ▶ Environmental Studies
- ▶ Robotics
- ▶ Farm-to-Table
- ▶ Mock Trials
- ▶ Math, Sports, & Money
- ▶ Script to Screen

STREAM Events

- Family STREAM Night
- Edge Events
- Student Robot Connection
- International Dot Day
- Forensic Competitions
- Robotic Competitions
- LISEF Competitions
- Law Enforcement Appreciation Day



Character Education/Service Learning

- ▶ Pre-K - 12: Continued Character Education
- ▶ Service Learning Opportunities
 - o Bake For Good
 - o Nourishing our Neighbors
 - o Bristol Buddies



PLAINEDGE CORE VALUES

- L** LOYALTY
- E** EMPATHY
- A** ACCOUNTABILITY
- D** DETERMINATION

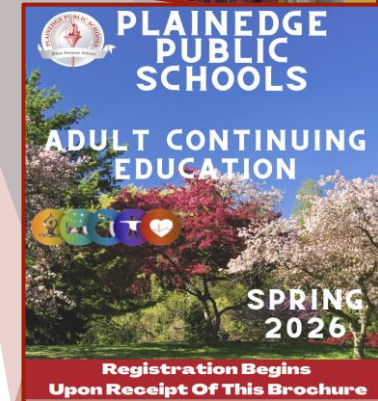


- FOR**
- P** POSITIVITY
 - R** RESPECT
 - I** INCLUSIVITY
 - D** DEDICATION
 - E** EMPOWERMENT



Specialized Programs

- ▶ Adult Education Program - New Offerings
- ▶ Summer Enrichment Program (Grades K-8)
- ▶ Summer Reader Leader Program
- ▶ 12-month Special Education Program
- ▶ STARS Morning and Afternoon Enrichment Academies
- ▶ Middle 6th Grade Summer Transition Camp
- ▶ Sail Into Kindergarten



Professional Development

- ▶ Superintendent's Conference Days
- ▶ Professional Learning Communities
- ▶ Model Schools Days
- ▶ Teacher Center Offerings & New Teacher Institute
- ▶ Alignment of the new Math and Science Standards to the New York State Learning Standards
- ▶ NGSS Aligned Training for Science Investigations
- ▶ Coaching Teachers for Preparation of New Regents
- ▶ Continued Success of the Teacher Mentoring Program and New Teacher Institute

2026-2027

Exciting News



Grade 5 Departmentalization

- ▶ 2026–2027 School Year
- ▶ **Instructional Model**
 - ▶ Bridge to Grade 6 (MS)
 - ▶ ELA / Social Studies (Humanities Team)
 - ▶ Math / Science (STEM Team)

Grade 5 Departmentalization

Research-Based Benefits

- ▶ Improves Student Engagement and Achievement
- ▶ Prepares Students for Middle School
 - ▶ Students Learn to Navigate Multiple Teachers and Routines, Reducing Transition Anxiety
 - ▶ Structured Transitions Help Build Organization and Responsibility
- ▶ Supports Executive Functioning and Independence
- ▶ Strengthens Teacher Expertise
- ▶ Increases Content Mastery and Instructional Precision
- ▶ Aligns Instruction and Data Analysis Through Content-Specific PLC's

Pre Kindergarten

- ▶ Expansion of Pre-K Classes Across the District
- ▶ **Current: 9 Sections**
- ▶ **2026–2027: 10 Sections**
- ▶ **Program Locations:**
 - ▶ Charles E. Schwarting – 2 Sections
 - ▶ Middle School – 2 Sections
 - ▶ John H. West – 2 Sections
 - ▶ Eastplain – 4 Sections



QUESTIONS?

