



# Teaching & Learning

FY 22 Budget Presentation

March 2, 2021

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Pembroke Public Schools

## OUR MISSION:

To ensure student achievement through  
excellence in teaching and learning.

# Overview

Historical Information-  
Update on FY 21 Goals

FY 22 Goals

FY22 Budget Priorities

Appendix

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Pembroke Public Schools

# Teaching & Learning FY 21 Goals Update: Improve Achievement for All Students

Adopt the new History & Social Studies Massachusetts Frameworks including project requirements for Civics. **Completed; ongoing**

Adopt OpenSciEd curriculum in grades 6-8. **Postponed; Summer 2021**

Explore implementation and secure grant funding to introduce a Bio Medical Pathway through PLTW at PHS. To be delivered 2021-2022 school year. **Ongoing/2022-2023**

Explore physical options to develop and introduce an Early Childhood Pathway @ PHS. To be delivered 2021-2022. **Pilot of High School Senior Education Internship Program spring 2021**

Identify students and faculty who might participate in the UMass Lowell engineering program for dual credit. **Postponed**

# Teaching & Learning FY 21 Goals Update: Support & Develop Excellent Curriculum and Instruction

Ongoing curriculum revision and review through summer work for new courses and new standards. **Completed**

Professional development in Illustrative Math. **Postponed**

Professional development in OpenSciEd. **Summer 2021**

Professional development in Project Citizen. **Completed**

Studying Skillful Teaching: All 2<sup>nd</sup> and 3<sup>rd</sup> year teachers.  
**Postponed 2021-2022**

Professional development in Empowering Writers; district wide curriculum guide. **Postponed Spring 2021**

# COVID Adjustments: Professional Development Focus

## **Integrating Technology Workshops:**

- Google Classroom\*
- Seesaw\*
- FlipGrid
- Jamboard
- ScreenCastify
- Tech Choice Boards
- Creativity with Chromebooks
- Blended Learning with Gsuite
- SAMR Seminar: Substitute, Adapt, Modify, Replace: Where are we on the SAMR scale?\*

## **Social Emotional Learning Workshops:**

- Teaching Face to Face, Hybrid and Remote for Maximum Academic & SEL Growth\*
- The Impact of Trauma on Teaching, Learning & Living in the Era of Covid 19
- Building Blocks for Equitable Learning: Diversity, Inclusion, Equity and Belonging\*
- Teacher Self Care: Delete the App, Centering Stress, Anti Fragile

## **Curriculum Alignment**

- By grade, content area and level: assessing where 2020 curriculum ended; where to start
- Mid Year district wide alignment.

# FY 22 Goals: Achievement

Goal	Justification	Cost
Acceleration Academies: Targeted Interventions Grades K-12	Targeted support for learning loss during COVID. Potential for grant funding	\$50,000
Social Justice Curriculum Analysis: Humanities Review; Grades K-12 including instructional materials	District commitment to anti racist, culturally inclusive practice focused on diversity, inclusion, equity and belonging.	\$101,000.00
Common Unit and Benchmark Review: Humanities, Math & Science, K-8, 9&10	<ul style="list-style-type: none"> <li>• MCAS Analysis included where appropriate</li> <li>• Curriculum Guides @ PHS/NEASC</li> <li>• Renewal of envision; K-6</li> <li>• Adoption of My World Interactive Grade 5</li> </ul>	\$21,700.00
World Languages, Visual and Performing Arts, Business:	Curriculum Alignment <ul style="list-style-type: none"> <li>• New Standards</li> <li>• Curriculum Guides@ PHS/NEASC</li> </ul>	\$7,000.00
Pilot of Literacy Programs to replace Treasures	Treasures by McGraw Hill was replaced by Wonders in 2011. A review of evidence- based literacy programs recommended by DESE will provide us with options for implementation.	N/A  <b>Total: \$179,700</b>

# FY 22 Goals: Excellent Instruction

Goal	Justification	Cost
District Wide Professional Development: Diversity, Inclusion, Equity and Belonging. Fall/Winter/Spring	<ul style="list-style-type: none"> <li>Ongoing targeted administrative and staff training to support the district goal of culturally responsive, anti racist practice.</li> </ul>	\$30,000
District Wide Professional Development: Studying Skillful Teaching: Teachers in years 2-4.	<ul style="list-style-type: none"> <li>Continuation/culmination of mentoring and induction program.</li> </ul>	\$15,000
District Wide Professional Development: Empowering Writers: K-6 Creating district specific guides.	<ul style="list-style-type: none"> <li>Streamlining lessons and recommended texts district wide in one location.</li> </ul>	\$14,000
District Wide Professional Development: Lively Letters Training: PreK-1	<ul style="list-style-type: none"> <li>New staff members require training</li> </ul>	\$1000.00
District Wide Professional Development: OpenSciEd: Grades 6-8	<ul style="list-style-type: none"> <li>Professional Development focused on MA Standards aligned units of instructions.</li> </ul>	\$20,250.00
Creating Alternate Pathways in a Post COVID environment: internships, university partnerships, maker spaces, certificate programs, Project Lead the Way.	<ul style="list-style-type: none"> <li>Post COVID integration of technology may allow for more creative opportunities for student learning; school to work etc. Existing programs have adjusted as well to integrate online opportunities.</li> </ul>	N/A Budget items for FY23
New Texts/Online Support & Materials	<ul style="list-style-type: none"> <li>enVision2.0 renewal: Now called enVision 2020 &amp; 2021</li> <li>Grade 5 Social Studies Text</li> <li>OpenSciEd Instructional Materials</li> </ul>	\$138,800.00  <b>Total:</b> <b>\$219,050.00</b>

# Summary FY '22 Budget Requests

Focus Area	Cost
Preserve Existing Programs & Supports (Appendix)	\$147,659
New Texts & Program Supplies	\$ 138,800
District Wide Professional Development	\$50,250
District Wide Curriculum Review: Humanities Social Justice, Instructional Supplies & Professional Development	\$161,000
Curriculum Review and Alignment MCAS & Benchmark Analysis	\$28,700
2021 Acceleration Academies	\$50,000
<b>Total:</b>	<b>\$546,409.00</b>



Acceleration Academies: Meeting students where they are.

Social Justice/Anti Racist leadership, curriculum and instruction.

Pilot of K-6 Literacy Programs to replace Treasures

Implementation of OpenSciEd- three years

Alternate Pathways: Engineering, Computer, Early Childhood\*

- Expand Project Lead the Way: Engineering & Biomedical Pathways
- Internships/Certificate Pathways
- UMass Lowell Partnership in Engineering



# Next Steps



# APPENDIX

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Pembroke Public Schools

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# SUMMARY OF FY22 REQUESTS

Focus Area	Description	Cost
Instructional Materials	Preserving programs & Adding new materials	\$286,459.00
Professional Development	District Wide	\$80,250.00
Curriculum Review	Common Unit & Benchmark Analysis; Social Justice Review	\$129,700
Acceleration Academies	K-12 Targeted Interventions	\$50,000
<b>Total</b>		<b>\$546,409</b>

# FY 22 Costs: Instructional Materials

Focus Area	Description	Cost
<p align="center"><b>Preserve Existing Programs &amp; Supports</b></p>	Lexia: Core 5 & PowerUp (K-8)	\$32,000.00
	iReady, (K-6)	\$27,300.00
	IXL (7-10); 3 years	\$24,975.00
	Empowering Writers (K-6)	\$13,000.00
	ALEKS (7 & 8)	\$4,725.00
	Edulastic: ELA & Math (7-12)	\$3,561.00
	Brain Pop (K-8)	\$10,888.00
	Generation Genius (K-8)	\$3,045.00
	Tumblebooks & Teen Cloud (K-8)	\$2,265.00
	Project Lead the Way (7 & 8)	\$7,000.00
	SeeSaw (K-2)	\$5,250.00
	ScreenCastify (K-12)	\$3,150.00
	*Advanced Placement Support	\$7,000.00
	Transition Support: 6 to 7; 8 to 9	\$1,000.00
Co Teaching	\$2,500.00	
<p align="center"><b>New Textbooks/ online licensing</b></p>	envisions 2020& 2021	\$110,000.00
	MyWorld Interactive/Gr.5	\$20,000.00
	OpenSciEd Instructional Materials	\$8,800.00
		<p align="right"><b>Total: \$286,459.00</b></p>

# FY 22 Costs: Professional Development & Curriculum Review

Focus Area	Description	Cost
<b>District Wide Professional Development</b>	Studying Skillful Teaching:	\$15,000
	<ul style="list-style-type: none"> <li>• K-12 Teachers in years 2-4</li> </ul>	\$14,000
	Empowering Writers (K-6)	
	Lively Letters Training (PreK-1)	\$1,000
	OpenSciEd	\$20,250
	Social Justice Professional Development:	\$30,000
	<ul style="list-style-type: none"> <li>• Culturally Relevant Teaching</li> <li>• Difficult Conversations about Race , Culture, and Identity (Fall, Winter, Spring)</li> </ul>	
<b>District Wide Curriculum Review Social Justice, Instructional Supplies</b>	K-12 Humanities Common Unit Review Using the Culturally Responsive Scorecard	\$36,000
	Materials to support Curriculum Review	\$65,000
<b>Curriculum Review and Alignment MCAS &amp; Benchmark Analysis; NEASC Curriculum Updates</b>	K-12 Humanities, Math, Science, Social Studies, World Language, Business and VPA	\$28,700.
		<b>Total: \$209,950.00</b>

# FY 22 Costs: Acceleration Academies

Focus Area	Description	Cost
<b>2021 Acceleration Academies</b>	K-6 7 & 8 PHS AP	\$50,000.00