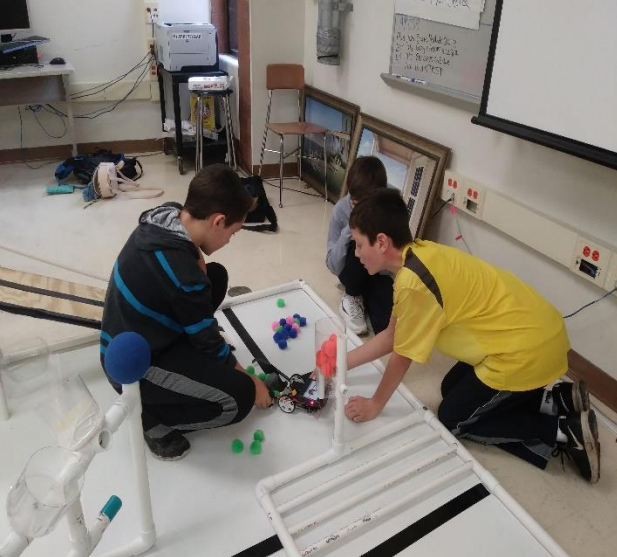


# PEMBROKE PUBLIC SCHOOLS

## Teaching and Learning FY 20 Budget Presentation



*March 5, 2019*



**OUR MISSION:**

To ensure student  
achievement through  
excellence in teaching and  
learning.

# Overview

- **Historical Information-**
  - **Update on FY 19 Goals**
- **FY 20 Goals**
- **FY20 Budget Priorities**

# Teaching and Learning Goals FY 19

## Improve Achievement for all Students:

- iReady Math, K-6
- Empowering Writers, K-6
- IXL Math, 7-10
- Power UP & Rapid, 7-8
- Project Lead the Way, 7-8
- Targeted MCAS 2.0 support of High Needs Students through Titan Time

## Support & Develop Excellent Curriculum & Instruction:

- Google G Suite for Education
- Learning Walks
- Studying Skillful Teaching
- Trauma Sensitivity Training
- Professional Development workshops: Instructional Rounds & Meeting the Needs of All Students
- AP teacher training and extra instructional hours.
- Co-Teaching training and support at PHS.
- Project Lead the Way Training
- Ongoing curriculum revision and review.

# Teaching and Learning Goals FY 20

In addition to preserving existing programs & supports

## Improve Achievement for all Students:

- Adopt Illustrative Math through Kendall Hunt @ PCMS
- Expand Project Lead the Way to include an additional module in Grade 8, and a module for Grade 6.
- Adopt the new History & Social Studies Massachusetts Frameworks.
- Upgrade the World Language Lab at PHS

## Support & Develop Excellent Curriculum & Instruction:

- Provide Co-Teaching training and support at PCMS.
- Expand Project Lead the Way Training in problem based learning.
- Ongoing curriculum revision and review through summer work for new courses and new standards.

# FY 20 Costs for Preserving Programs & Supports

Area	Description	Projected Cost
English Language Arts & Reading K-8	• Empowering Writers	\$18,900.00
	• Lexia subscription	\$27,000.00
	• PowerUp subscription	\$4,000.00
Mathematics K-10	• iReady subscription K-6	\$29,000.00
	• IXL subscription 7-10	\$6,191.00
STEM/Science	• Project Lead the Way, 7-8 Includes registration, training & materials	\$7,750.00
District Wide Professional Development	• Curriculum Revision of Benchmarks K-6	\$24,000.00
	• Curriculum Development for 3 Newly Approved Courses	\$2,000.00
Summer Work	• Summer School for Grades 9 and 10	\$6,000.00
	• Transition from Grade 6 to 7 & 8-9	\$350.00
Total		\$125,191.00

# FY 20 Requests for Materials

Content Area	Description	Projected Cost
<b>Mathematics</b>	• PCMS: Title One & High Needs ALEKS online math	\$3,500.00
	• PCMS: Illustrative Mathematics via Kendall Hunt free online access, classroom texts and PD	\$12,917.00
	• PHS: AP Calculus AB/BC; 6 year digital access plus texts	\$10,017.00
<b>Science/STEM</b>	• Expansion of Project Lead the Way: Grade 6 and an additional module in Grade 8; non grant funded	\$8,278.00
	• Grade 6: Pearson Interactive Science; Middle Grades Science 2017 MA Student Edition+Digital Courseware; 3 year license	\$11,213.00
<b>Social Studies</b>	• Gr. 8, McGraw-Hill: Civics and Economics, Digital and Text bundled, 7 years	\$35,064.00
	• Gr. 6, McGraw-Hill: Ancient Civilizations	\$10,763.00
	• Gr. 7, TCI: Geography Alive	\$27,775.00
	• Gr. 4, Social Studies Alive	\$25,613.00
<b>World Language</b>	• PHS: Language Lab; one year subscription	\$2139.00
	• Discovering French Level 3	\$6300.00
	• Four novels for French IV Honors & AP French	\$1200.00
<b>Total</b>		<b>\$154,779.00</b>



# FY 20 Requests for Curriculum Development

Content Area	Description	Projected Cost
English	• K-6: Empowering Writers Training	\$6,000.00
	• PCMS: Creating MCAS aligned benchmarks and revising curriculum to align to MCAS 2.0 (5 teachers x 10 hours)	\$2500.00
	• PHS: ELA/HSS Persuasive/Argumentative Writing collaboration (6 teachers:2 ELA, 2 HSS, 2 SPED) x 5 hours	\$1500.00
Mathematics	• PCMS: Illustrative Math training (6 teachers @ 12 hours @37.50)	\$2700.00
	• PCMS: Creating MCAS aligned benchmarks and revising curriculum to align to MCAS 2.0 (5 teachers x 10 hours)	\$2500.00
Science/STEM	• Expansion of Project Lead the Way includes training for 8 teachers and registration.	\$19,746.00*
	• Grades 6-8; 5 teachers; Next Generation Standards Alignment	\$2,000.00
Social Studies	• PHS New Standards Alignment of Core Curriculum; 9	\$4500.00
	• PCMS New Course in Grade 8; curriculum development; 2 teachers	\$500.00
World Language	• Aligning French curriculum in UbD format; 1 teacher	\$500.00
Total		\$42,446.00

# Summary FY 20 Requests

Description	Cost
Preserving Existing Programs & Supports	\$125,191.00
New Curriculum Materials	\$154,779.00
Curriculum & Instruction Work	\$42,446.00
<b>Total</b>	<b>\$322, 416.00</b>



# FY 20 Priorities

Description	Cost
Preserve Existing Programs	\$125,191.00
Illustrative Math @ PCMS Training and Curriculum Development	\$15,617.00
Expansion of Project Lead the Way 6-8 Training, Materials and Registration	\$28,024.00
Development of Civics and Economics in Grade 8	\$35,564.00
Upgrade World Language Lab @ PHS	\$2139.00
Total	\$206,535.00

# Next Steps

Description
Continue Expansion of PLTW: Launch Program K-5; 9-12 Pathways
Introduce Certificate Pathways for PHS in Health Care, Childhood Education, Technology
Introduce World Languages in Grade 6
Create Maker Spaces District Wide
Technology Integrator/Building