

ARLINGTON PUBLIC SCHOOLS

In accordance with the provisions of the Massachusetts General laws, Chapter 30A, Section 20, notice is hereby given for the following meeting of the:

***Arlington School Committee
Curriculum Instruction Accountability and Assessment
Monday, March 18, 2024
2:00 PM***

In Person:

*Arlington Public Schools District Office
14 Mill Brook Drive
2nd Floor, Superintendent's Office
Arlington, MA 02476*

Via Zoom:

<https://us02web.zoom.us/j/89762700457>

Conducted by Remote Participation: <https://www.mass.gov/doc/order-suspending-certain-provision-of-open-meeting-law/download>

Open Meeting (J. Morgan)

Curriculum Directors

- *CIAA PRESENTATION Math and CS 18March2024*
- *CIAA PRESENTATION WL March182024*

Professional Development Update

Literacy Screener Legislation Presentation Follow Up

Old Business

New Business

Minutes for Approval

Adjournment (J. Morgan)

The listings of matters are those reasonably anticipated by the Chair, which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

Stated times and time amounts, listed in parenthesis, are the estimated amount of time

for that particular agenda item. Actual times may be shorter or longer depending on the time needed to fully explore the topic.

Submitted by Jane Morgan, Chair

Massachusetts law requires all open session meetings of public bodies to be accessible to members of the public, including those with disabilities. If you need reasonable accommodations in order to participate in the meeting, contact the Administrative Assistant to the Arlington School Committee Liz Diggins at ediggins@arlington.k12.ma.us.



Town of Arlington, Massachusetts

Meeting Location

Summary:

In Person:

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Town of Arlington, Massachusetts

Open Meeting (J. Morgan)



Town of Arlington, Massachusetts

Curriculum Directors

Summary:

- CIAA PRESENTATION Math and CS 18March2024
- CIAA PRESENTATION WL March182024

ATTACHMENTS:

Type	File Name	Description
▢ Presentation	CIAA_PRESENTATION_Math_and_CS_18March2024.pdf	CIAA PRESENTATION Math and CS 18March2024
▢ Presentation	CIAA_PRESENTATION_WL_March182024.pdf	CIAA PRESENTATION WL March182024



Math & Computer Science K-12

Octavia Brauner, Interim Director

March 18, 2024

Agenda



Arlington Public Schools
Education That Empowers

-
- Introduction to the Mathematics and Computer Science Department
 - Math & CS Glows
 - Math & CS Grows
 - Priorities for 2023-2025
 - Resources to Support Success
 - Q&A

Introduction to Mathematics and Computer Science



Arlington Public Schools
Education That Empowers

Mission

To support all students in exploring, experiencing, and learning mathematics and computer science through inclusive instructional practices and curriculum.

Teams supporting instruction and student learning, K-8

Instructional Coaches (8 elementary, 1 middle school)

Math Interventionists/Support (7 elementary, 3 middle school)

Math & CS Glows



Arlington Public Schools
Education That Empowers

-
- ★ Tier 1 Assessment Data Collected Grades K-5
 - **Fluency Screeners:** Math coaches created a system to conduct fluency screeners for grades K-4 in all seven elementary schools

Math & CS Glows



★ Tier 1 Assessment Data Collected Grades K-5

- **Fluency Screeners:** Math coaches created a system to conduct fluency screeners for grades K-4 in all seven elementary schools

Student First Name	Student Last Name	Teacher	2+9	6+3	3+6	3+5	9+9	4+6	4+5	3+7	8+8	7+7	9-3	12-6	10-3	10-7	9-7	9-6	14-7	10-6	16-8	18-9	K--Knows (Fluent)
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Math & CS Glows



Arlington Public Schools
Education That Empowers

★ Tier 1 Assessment Data Collected Grades K-5

- **Fluency Screeners:** Math coaches have created a system to conduct fluency screeners for grades K-4 in all seven elementary schools
- **Unit Assessments:** data starting to be collected in some of the elementary schools; coaches working with teachers to collect data and calibrate scoring
- Used to identify students who need additional **support** and to inform and refine **instruction**

Math & CS Glows



-
- ★ **K-5 math interventionists** meet weekly to share videos of work with students, using a noticing and wondering protocol to support and learn from each other.
 - ★ **Coaches** supporting ongoing **curriculum implementation** and support for general education and special education teachers K-8
 - Maintain and refine shared pacing guide to promote alignment across district K-5
 - **Curriculum design** for supported learning center (**SLC**) classrooms in grades 6-8

Math & CS Glows



Arlington Public Schools
Education That Empowers

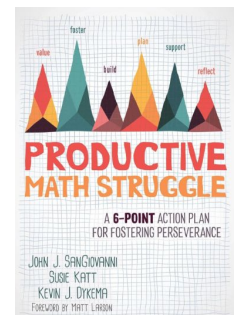
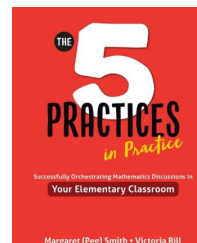
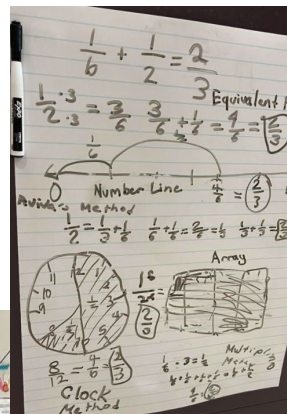
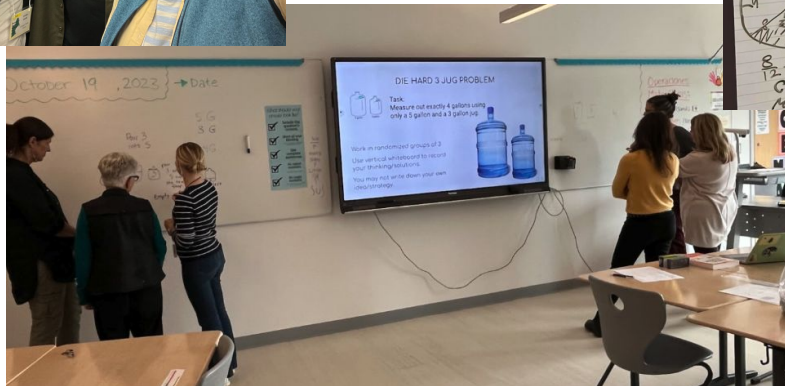
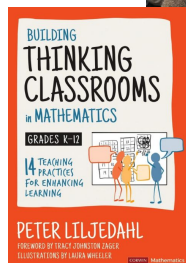
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- ★ Creation of **supports for multilingual learners** and students with IEPs in Math 6, Math 7, and Math 8
 - ★ **Peer observations** - grades 6-12
 - ★ **Support teachers** - peer observations and collaboration
 - ★ AHS math teachers - conversations around **equity, access, and supports** in curriculum, instruction, and math pathways

Math & CS Glows



Arlington Public Schools
Education That Empowers

- ★ PD work: thinking tasks, peer collaboration, productive struggle, and mathematical discussions



Math & CS Glows



★ Computer Science

- Digital learning **journals** and **e-portfolios** grades 7-8
- 7th grade: **Google Slides** - more than build presentations, like making graphic novels, stop motion and even artwork.
- 8th grade: basics of **Python** with Imagi Labs
- **Dora Palfi, CEO of Imagi Labs**, visited OMS
- **Coding night** planned along side art show at OMS in April

Math & CS Grows



- ❖ Building vertical alignment for 7th and 8th grade curriculum
- ❖ Common planning time to continue to modify and build alignment within each course for in grades 6-12
- ❖ *NSF CSforAll Researcher Practitioner Partnership grant funded PACE-HS* project to build equity in HS CS programs
 - Programming and Computing Equity Project through the Teaching System Lab at MIT
- ❖ CS alignment 6-8

Math and CS Priorities FY24



- ❖ Unit assessment data for K-5 across all seven elementary schools and normed grading
- ❖ Common assessments/measures, grades 6-8
- ❖ Alignment between A-level and honors level curriculum at AHS
- ❖ Peer observations and sharing practice, grades 6-12
- ❖ Looking at student work, grades 6-12
- ❖ PD: Tier 1 instruction, deeper learning, peer engagement
- ❖ CS alignment 6-9

Resources to Support Success



Arlington Public Schools
Education That Empowers

- Continued budget for curriculum materials and digital tools
- Elementary math coaching and interventionist teams
- Middle school math coach
- Time during school year for professional learning and aligning instruction and common assessments
- Summer PD
 - Developing Mathematical Ideas (DMI): 5 math coaches participated in a DMI Facilitator Training
 - Curriculum work grades 6-12

Q&A



Arlington Public Schools
Education That Empowers



World Languages, Grades 6-12

Dawn Carney, Director

March 18, 2024

Agenda



Arlington Public Schools
Education That Empowers

-
- Introduction to World Languages (WL)
 - World Languages Glows
 - World Languages Grows
 - Priorities for 2023-2025
 - Resources to Support Success
 - Q&A

Introduction to World Languages



Arlington Public Schools
Education That Empowers

Mission

To support students in developing proficiency in a language other than English and to understand the cultures where those languages are spoken, in order to become responsible global citizens.

Languages

French, Latin, Mandarin, Spanish (6-8) & Italian (9-12)

MA State Seal of Biliteracy

Graduation distinction: Intermediate-High proficiency in language other than English; meet ELA MCAS graduation requirements

World Languages Glows



Arlington Public Schools
Education That Empowers

- ★ Focus on equity, access and supports in curriculum & instruction
- ★ Four languages maintained at Gibbs
- ★ High quality professional development
- ★ Defining professionalism and growth
- ★ Peer observations, individual reflection



World Languages Glows



Arlington Public Schools
Education That Empowers

- ★ Revised, aligned curriculum grades 6-8, & levels 1-2
- ★ Co-taught WL courses at AHS (levels 1-2)
- ★ MA State Seal of Biliteracy & Language Opportunity Coalition Awards at AHS (2023)
 - Seal with Distinction - 10 awards
 - Seal - 20 awards
 - LOC - 12 awards



World Languages Grows

- Continued revision of common assessments
- Development of common rubrics
- Application of professional learning of performance targets
- Departmental grading
- Improved communication for WL selection in grade 5
- Increased opportunities for WL participation in grades 7-8 for students who receive services

Resources to Support Success

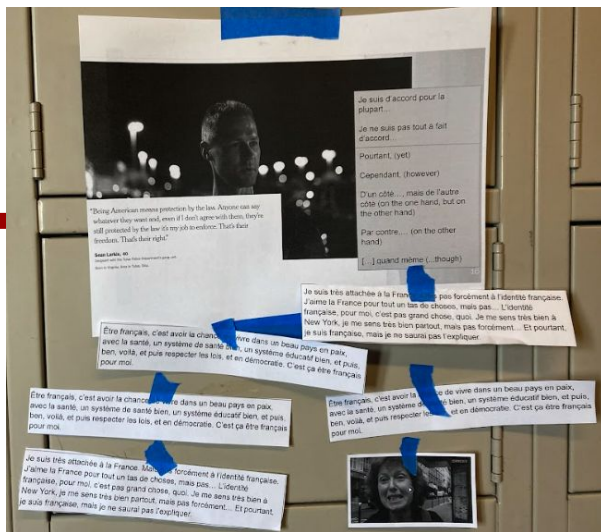


- ❖ Continued understanding and integration of WL as part of core curriculum for all students
- ❖ Continued budget to support professional learning and curriculum development
- ❖ Continued budget to purchase Latin materials (~ 5 years)
- ❖ Time during school year for professional learning and aligning instruction and common assessments

Q&A



Arlington Public Schools
Education That Empowers



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Latin IIC

Warm Up

Nov. 17th, 2023

9:38am-10:34am

Which words would fill in these synonyms and antonyms equations?

Syn	Word	Ant
villa		silva
callidus		stultus
vocāre		dimittere
libertus		servus

Have your homework visible while you work, please.



Town of Arlington, Massachusetts

Professional Development Update



Town of Arlington, Massachusetts

Literacy Screener Legislation Presentation Follow Up

Summary:



Town of Arlington, Massachusetts

Old Business



Town of Arlington, Massachusetts

New Business



Town of Arlington, Massachusetts

Minutes for Approval



Town of Arlington, Massachusetts

Adjournment (J. Morgan)



Town of Arlington, Massachusetts

Submitted by Jane Morgan, Chair