

Advanced Pathways Update



**Teaching and Learning
Subcommittee Meeting**

January 30, 2017

Tonight's Talking Points

MS  **HS Pathways Update** *~ Maddy*

- * ELA and Math Progress

Advanced Science Pathways *~ Ed*

- * Summer Planning Objectives
- * Team Goals and Next Steps

Next Steps and PD Opportunities *~ Both*

The BIG Picture: Four Initiative Goals

- ✓ Vertically align and show the pathways into and through middle school and high school Pre-AP opportunities in ELA and Math (2015) and Science (2016)
- ✓ Provide access to Advanced level ELA and Math (2015) and Science (2017) opportunities at all QPS middle schools
- ✓ Define and refine eligibility and MS to HS transition elements (ongoing through vertical teams)
- ✓ Support first time and veteran teachers of Advanced level classes at all middle schools and high schools

QUINCY PUBLIC SCHOOLS – ADVANCED PATHWAYS - TIMELINE 2016-2017

	Benchmark	Staff Responsible	Action	Notes	Location	Completed
PLANNING	July 12, 2016	Madeline Roy Rob Shaw Ed Smith	Advanced Science Pathway Summer Planning Team Grades 8/9	Review of current MS/HS POS for Science and course descriptions; assessed the potential of a MS to HS Biology Pathway; completed plans for summer work	Coddington	✓
	July 25-28, 2016	Ed Smith Rob Shaw Madeline Roy	Advanced Science Pathway Summer Planning Team Grades 8/9	Teacher Representatives from Gr 8 Science and teachers of Biology Gr 9/10 met to discuss strengthening the MS/HS Science Pathway; plan for new Gr 8 advanced science classes; discuss differentiation strategies, revise course descriptions and explore resources for both Grades 8/9 science courses	Coddington	✓
	August 29, 2016	Madeline Roy Mike Maguire Chris Ranft Michelle Cunniff Lou Venturelli	Share progress of Gr 8/9 Advanced Science Summer Team	The MS Summer Science Work Group provided an open session for all middle school teachers to come and preview pacing and alignment guides aligned to the new STE standards; hear plans and progress for MS/HS Advanced Science Pathways; and review best practices for using the Interactive Notebook in Science	Central Middle School	✓
	September 15, 2016	Madeline Roy Middle School Principals	CAMT Team meeting	Reviewed Advanced Placement ELA and Math criteria with Middle School Principals; discussed soon to be released MCAS Student Reports which could impact rosters; shared outcomes of Advanced Science Pathway Summer Planning Team Grades 8/9	Coddington	✓
	Sept-Oct 2016	Middle School Principals and Staff	Final review of rosters, student expectations, and 6-8 vertical alignment	Middle School Principals and ELA/Math staff reviewed the most current student data and made final recommendations for Advanced ELA and Math rosters	Site-based	✓
	October 11, 2016	Madeline Roy Michelle Cunniff Lou Venturelli	Middle School System PD	Michelle and Lou presented the summer work on Advanced Science Pathways to the Grade 8 team and shared the draft curriculum with differentiation strategies, criteria and student expectations	Atlantic Middle School	✓

Advanced ELA and Math Pathways Update

In order to monitor progress against our original goals which were to

- Increase the number of students taking Advanced Placement Courses in 11th/12th grade
- Strengthen the curriculum alignment of the advanced pathways from MS to HS while incorporating authentic practices of differentiation
- Offer Middle School Students the option to take an Advance Class in an area of strength while still receiving the appropriate grade-level instruction or targeted support in all other areas.

Principal Shaw and Taglieri spent some time with me looking at our current data:

Over a third of our Freshman Class is currently taking an Advanced Math or ELA Course

33% of the Freshman Class at QHS is taking an Advanced ELA or Math Course adding 30 more students to the Advanced enrollment from 2015

35% of the Freshman Class at NQHS is currently taking an Advanced Math Course

Advanced Science Pathways

Planning and Objectives

- * MS/HS Science Team – July 25-27
- * Align with District Goal to strengthen pathways
- * Continued through Vertical Team

Advanced Pathway Science Team

- * Advanced Science Student Characteristics
- * Advanced Course Outline/Role of Teacher
- * Grade 8 Recommended Differentiation
- * Evidence of Success



**Advanced
Pathways**

**Next Steps
and**

PD Opportunities

Next Steps:

Our current priorities:

- Complete the design of the Advanced Science Curriculum for Grades 6 and 7;
- Work with Elementary and Middle School Principals to refine the process for identifying 5th grade students eligible for Advanced classes in Grade 6;
- Identify professional development offerings for differentiation and design for learning in order to maximize independent study projects at the MS level
- Work with our Department Chairs and teachers to ensure that all students have an opportunity to be considered for advanced pathways in High School based on evidence of their work, higher level thinking skills, and their depth of knowledge as measured by school work, independent projects, term grades and assessment scores;

***Thank you for your support
of the Advanced Placement Pathways Initiative***