



Update on Board Goals and Initiatives for K-12 Electives

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Major Goals and Initiatives

- Coding
- Dual language/ language immersion/
elementary Spanish
- S.T.E.A.M.
- CTE- Career and technical “exposure”

Jackson's Extension program

- What's old is new again
- Science rotation 2014-15
 - Working well
- How can we expand it?
 - Recess
 - Physical education
- Restores recess 5x a week, fully complies with PE mandate and opens up additional time for specials

	CODING	FREQUENCY
k-2	Knowing Science Curriculum- Dr. Banko agreed to amend Supplement more in Library (SCRATCH)	PE -5x week & 5x recess 1x Art, Music, Library 2x Spanish ***
Jackson	Knowing Science Curriculum Hour of Code, Hopscotch (Library)	6 day cycle: 1x Music, Art, Library 2x Spanish 2x Science PE extension 4x @ 30minutes
Middle School	Knowing Science Curriculum Problem Based learning (candy bar example) Clubs** Minecraft, FLL	Part 100 requirements- PBL “mash up” = family consumer science, tech, art 5 th Music 2x, Art 1x, Sci 2x, PBL 3x PE 3x, 1x lib 6 th Music 3x, Sci, 2x, PE 3x, PBL 4x 7 th Music 3x, Art 2x, Sci 1x, PE 3x HE 3x
High School	ECS (9 th) 16-17 8 th grade Tech New math offerings	Semester electives or full year course

Spanish

- Currently:
 - Dual language
 - Immersion
 - 2x a week
- Future-
 - Jackson combination?
 - What do we do in the Middle School?
 - Do we maintain 2x a week?
 - What are the expectations of this program?

	SPANISH	TIMELINE
k-2	Parent choice- Dual language or immersion Phase out 2x Spanish	2015 K = 2x science, 1 st and 2 nd grade= 1x Span, 1 sci. 2016 K and 1 st grade 2x sci, 2 nd grade 1x span 1x sci 2017- all grades 2x science
Jackson	Parent Choice- Continue dual & immersion Phase out 2x Spanish	2015- maintain 2x for 3 rd and 4 th grade. PE moves to extension, 4x. Cycle: sci 2x, art 1x, music 1x, lib 1x, span 2x (1 extension) 2016 phase out 3 rd grade- 1x replacement TBD
Middle School	-Continue dual language and immersion as they enter MS -current 4 th grade- option to continue	2015- create voluntary hybrid online course- with teacher 1x a cycle during lunch- rest of course online (teacher created course) 2016- dual language
High School	HS- 5 language choices- Spanish, French, Italian, Latin, Portuguese	Goal- dual language and immersion students take regents in grade 8 (2019)

S.T.E.A.M.

- Add science teacher for Meadow & Hampton
- Add additional alt day math for 7th grade
- Change math offerings at HS
 - Eliminate pre-geometry & intermediate algebra and reduce probability and stats to 1 section (seniors)
 - Offered extended time for regents level course work
 - 8th grade double period Algebra
 - 9th grade 1.5 periods Geometry
 - 10th grade double period Algebra II & trigonometry
 - 12th add College “algebra”
- New electives offered
 - AP computer science A, game maker programming
 - robotics, digital production (3d modeling),

CTE

- Career and Technical “Exposure”
 - Ensure that all students have an experience in the specific career coursework
 - By 11th and 12th grade make enough electives available so students can pursue areas of interest
 - Areas
 - STEAM
 - Communications
 - Health
- Partnership with Queensboro