SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT

Board Update: Digital Learning Program

Ruthy Mangle, Director of Information Services
Bertha Roman, Director of Education Technology

January 17, 2019

Purpose

- Address Board members' request for an update to the Digital Learning Program
- Address Board members' previous questions in relationship to the Digital Learning Program

Technology in the Future Ready Classroom

W

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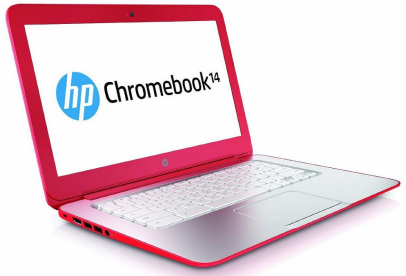
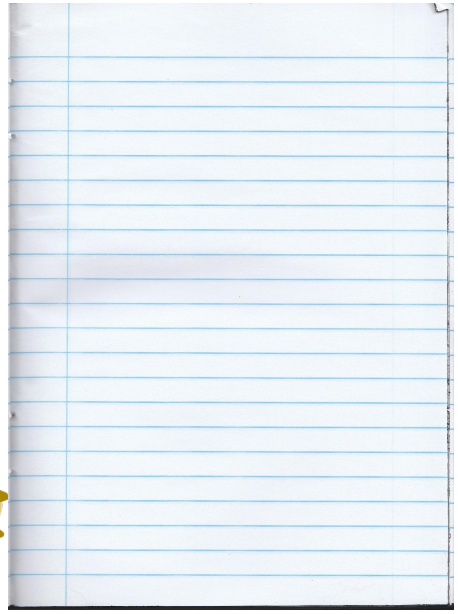
Y

- Technology impacts almost every part of student life today.
- Allows for education to extends beyond the classrooms walls, equitable technology can provide 24/7 learning for all students.
- Facilitates a collaborative environment.
- Meets the needs of all learners.
- New Technologies = Instructional Tools

What is a Chromebook?

Instructional Tools





SMUSD

Supporting Instructional Models: Blended Learning

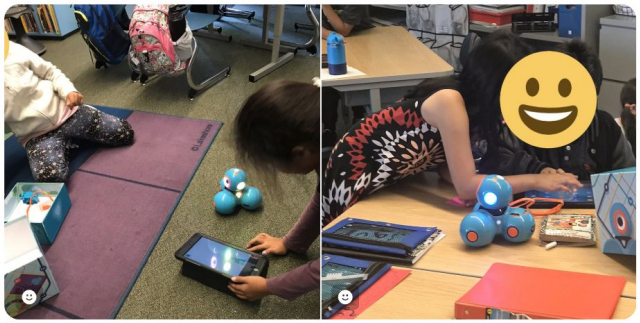
Supporting Instructional Models: Project Based Learning

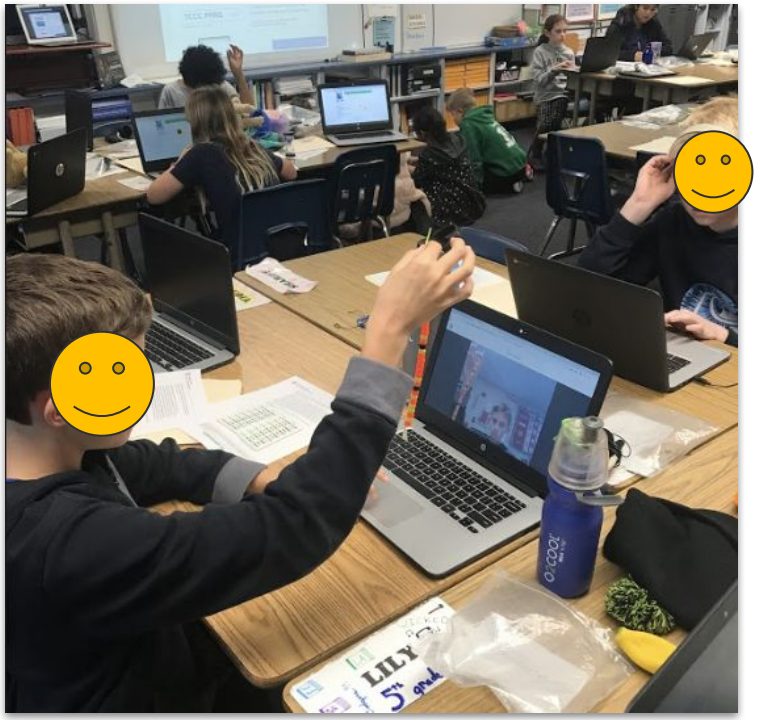
Supporting Curriculum: Computer Science/Coding

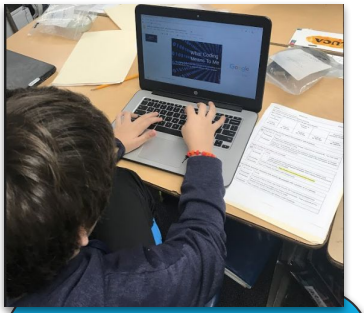
SMMUSD Retweeted

Sheri Hynding @shynding · 12 Oct 2018

@SMMUSD Edison teachers are working very hard to implement blended learning! Coding with @WonderWorkshop Dash and Dot was so much fun👏👏 @bebaroman @dsdPD @mrs_gleicher #smmblend







HOUR OF CODE

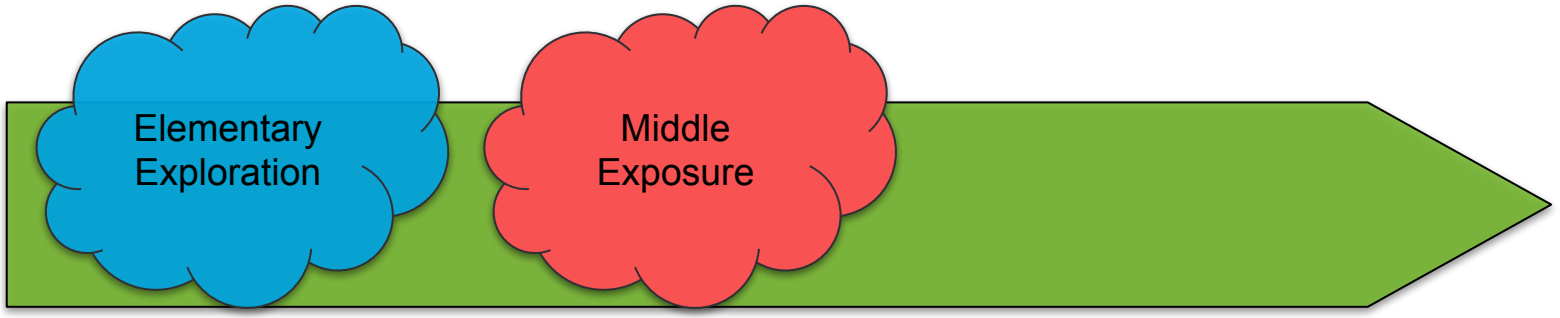
Elementary Exploration

Supporting Curriculum: Computer Science

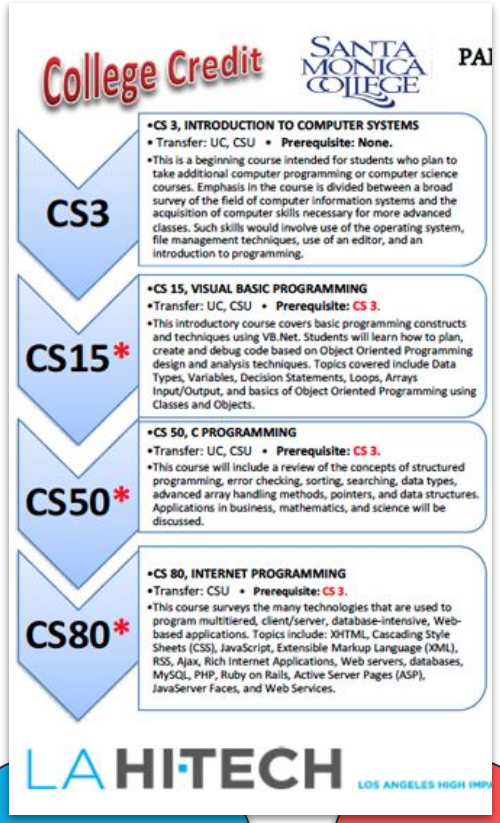
PROJECT LEAD THE WAY
PLTW

Gateway:

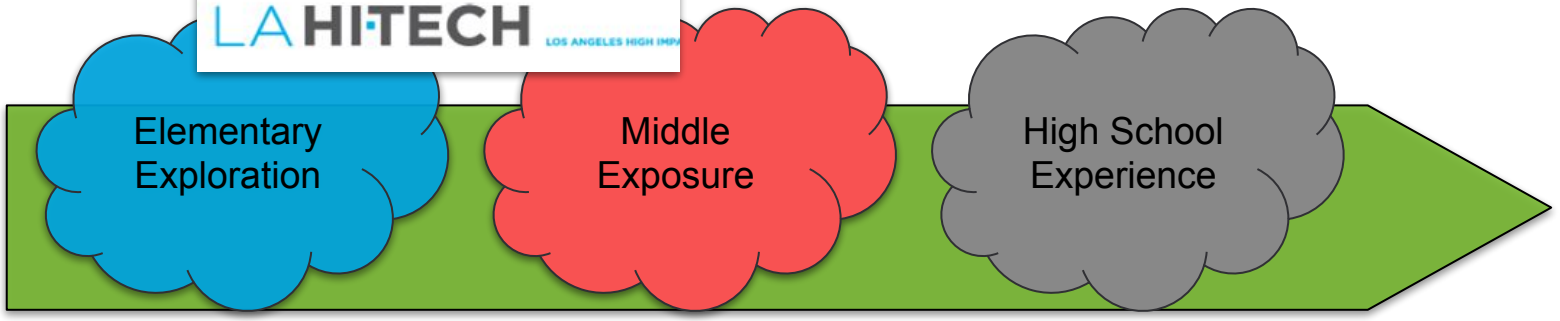
- Automation and Robotics
- App Creators(Coding)
- Science and Technology



Supporting Curriculum: Computer Science



Explore options to expand Computer Science and/or AP Computer Science Courses



Digital Learning Program Goals:

1. Integrated Instructional Technologies for all students and staff
2. Digital Citizenship Curriculum and Family Engagement
3. Increase Device to Student Ratio
4. Professional Development and Instructional Support
5. Infrastructure and Technical Support

Digital Learning Program Timeline:

Devices per grade level:

2018-2019: Grades 7, 9, 11 *

2019-2020: Grades 5, 6, 7, 9, 11

2020-2021: Grades PreK-5, 6, 9

*Malibu MS/HS Devices for all 6-12th grades students in 18-19.

Future Budget Allocations

- 2019-2020 ~~$2,600,000~~ $2,100,000
  - Chromebooks (5 ,6, 7, 9, 11)
- 2020-2021 $2,700,000
  - iPads(PreK, TK, K) Chromebooks(1, 2, 3, 6, 9)
- 2021-2022 $1,700,000
  - Chromebooks (3, 6, 9)
- 2022-2023 $1,700,000
  - Chromebooks (3, 6, 9)
- 2023-2024 $2,300,000
  - iPads(PreK, TK) Chromebooks(1, 2, 3, 6, 9)
- 2024-20245 $2,100,000
  - iPads(K) Chromebooks(3, 6, 9)

Stakeholder Discussions

- Board of Education
- Senior/Full Cabinet
- Principals
- SMMCTA Leadership/Site Rep Meeting
- PTA Council (To Be Scheduled)
- School Site Leadership and Staff
  - *SAMOHI Instructional Leadership Team*
  - *MHS All Staff and Leadership*
  - *LMS 7TH Grade Teachers*
  - *JAMS 7TH Grade Teachers (To Be Scheduled)*
  - *OLYMPIC Site Leadership*
  - *SMASH Leadership*
- EdTech Jedi's, Librarians
- District Advisory Committees (HAS Jan 28, SEDAC Feb 5)

Professional Development and Instructional Support: Progress

- Common Sense Media Certification: Digital Citizenship and Digital Literacy
  - Common Sense Media Schools-Will Rogers Elementary
  - 102 Certified Teachers: SAMOHI, MHS, JAMS, Rogers
- Promote Incentives for teachers to achieve Google Certified Teacher Level 1
- Provided Malibu Staff with 2.5 hours of Chromebook Basics, Digital Citizenship, SAMR Model Integration

Working on:

- Support Website for Staff and Students
  - FAQs and Tutorials
- Draft Presentation/Video Introduction for Students

What We've Done

- Site visits to various school districts with existing 1:1 Chromebook environments.
  - *Learned from their best practices and challenges for deployment, implementation and support.*
- Met with vendors to ensure they meet our tech standards of security and expectation of white glove services. (SetUp of chromebook that includes asset tagging, security, District Wifi.)
- Secured state of the art filtering system.

What We've Done (cont.)

- Filtering
  - Criteria:
    - *A solution that would filter students' web access from home or school.*
    - *The ability to apply different policies to different user groups*
    - *The ability to use websites like YouTube without compromising student safety.*
    - *Teachers can authorize specific videos for students to watch on their devices, while blocking access to the rest of YouTube.*
    - *the ability for IT staff to easily block or unblock sites as necessary*

Actions Taken (cont.)

- Wireless Access
  - On Campus
    - *Wireless access at all SMMUSD sites.*
  - Off Campus
    - *City of Santa Monica: https://citywifi.smgov.net/*
    - *Malibu: Local Libraries and Bluffs Park*

Questions and Feedback?