



DISTRICT OF COLUMBIA  
PUBLIC SCHOOLS

Office of Family and Public Engagement

# Langley EC Meeting Transition to McKinley MS 1/31/13



## Agenda

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- August 2013 Transition
    - Who, what, when, where?
  - McKinley Middle School
    - Academic Programming
    - Design/construction
  - Role of Transition Team
    - Who and what?
  - Next Steps
    - Opportunities to learn more
    - When and how to enroll
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## Ward 5 Middle Grades Sites

### Brookland Middle

- Accessible; proximity to DPR
- Opportunity for design/modernization
- Burroughs, Langdon, Noyes, Bunker Hill feeds SY '14-'15

### Browne EC

- Covers southeastern part of the ward; capacity of 850
- IB Program
- Modernization planned for 2015

### McKinley Middle

- **STEM campus**
- **Covers central part of the ward**
- **Langley 6<sup>th</sup> – 8<sup>th</sup> feeds SY '13-'14; others through OOB lottery**

Wheatley remains an Education Campus

## McKinley Technology Education Campus

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- Who: Langley students in grades 6-8
- What: Rigorous STEM middle school program at McKinley
- When: August 2013
- Where: Next door!
- How: Transition team will assist in coordinating logistics
- Why: McKinley Technology Education Campus is the first program to open under the Ward 5 Great Schools Initiative



## McKinley Academic Planning Updates

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- **Membership**

Office of Curriculum and Instruction staff, also includes school staff and community

- **Completed**

Certified STEM programming, master schedule, design recommendations

- **Ongoing/Future**

Staff recruitment / selection

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## STEM Middle School - Highlights

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- Exposure to Engineering through **Gateway to Technology**
- Exposure to Computer Science
- Experiences with project-based learning across subjects
- Blending traditional classroom learning with online instruction

## Proposed Academic Map - DRAFT

Subject	Grade 6	Grade 7	Grade 8
English	English 6	English 7	English 8
Math	Math 6	Math 7	Math 8/Algebra I
Science	Earth Science	Life Science	Physical Science
Social Studies	World Geography	Ancient History	U.S. History
Gateway Course (1 semester)	Automation & Robotics, Design & Modeling	Energy & the Environment Green Architecture	Magic of Electrons Science of Technology
Computer Science (1 semester)	Simple Networking, Internet, Web Design	Mobile App Development and Robotics	Programming and Video Game Development
World Languages	Language & Culture	Language Level 1A	Language Level 1B
Music/Art	Music/Art	Music/Art	Music/Art
Health/PE	Health/PE	Health/PE	Health/PE

**2 interdisciplinary projects per grade**

## STEM Elements – Grade 6 (DRAFT)

### Gateway to Technology Units

- **Automation and Robotics**
- **Design and Modeling**

### Computer Science Units (proposed)

- **Simple Networking**
- **Internet**
- **Web Design**

### Interdisciplinary Projects (examples)

- **Myself, My Community, My World**
  - Explore regions of the world including authors, climate, and demographic data.
- **Natural Disasters**
  - Earth's history, physical systems, mapping

## STEM Elements – Grade 7 (DRAFT)

### Gateway to Technology Units

- **Energy and the Environment**
- **Green Architecture**

### Computer Science Units (proposed)

- **Mobile App Development**
- **Robotics**

### Interdisciplinary Projects (examples)

- **Let's Build!**
  - Applications of structure and function in living organisms, literature and society
- **Sustainability: Human Impact on the Environment**
  - Effect of organisms and social structure on our Earth and civilization

## STEM Elements – Grade 8 (DRAFT)

### Gateway to Technology Units

- **Magic of Electrons**
- **Science of Technology**

### Computer Science Units (proposed)

- **Programming**
- **Video Game Development**

### Interdisciplinary Projects (examples)

- **Creating Something New**
  - Origins and interactions of systems including chemicals, countries, and ideas
- **Change: Resistance and Inspiration**
  - Importance of and driving forces behind change in history, science, and technology.

## Blended Learning Elements

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- **Math:** *Apangea* focuses on building problem solving skills by providing each student with an individualized plan which offers both remediation and enrichment
- **Science:** *Gizmos* provides interactive online simulations that help students develop a deep understanding of concepts through inquiry and exploration
- **All subjects:** *Discovery Education* offers engaging, standards-aligned rich multimedia tools and interactive digital textbooks

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## McKinley Concept Slides

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See McKinley Middle Building Schematic Presentation  
at

**[dcps.dc.gov](https://dcps.dc.gov)**

under the Parents and Communities tab

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## Transition Team

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### Membership

- Langley parents and staff
- McKinley parents and staff
- DCPS staff
- Community and neighborhood reps

### Potential Tasks

- Enrollment
- Student recruitment
- Mascot input

### Get Involved!

- Suggest community and culture building exercises in the Langley front office
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**QUESTIONS??**