

Washington



Re-Opening 2016-17

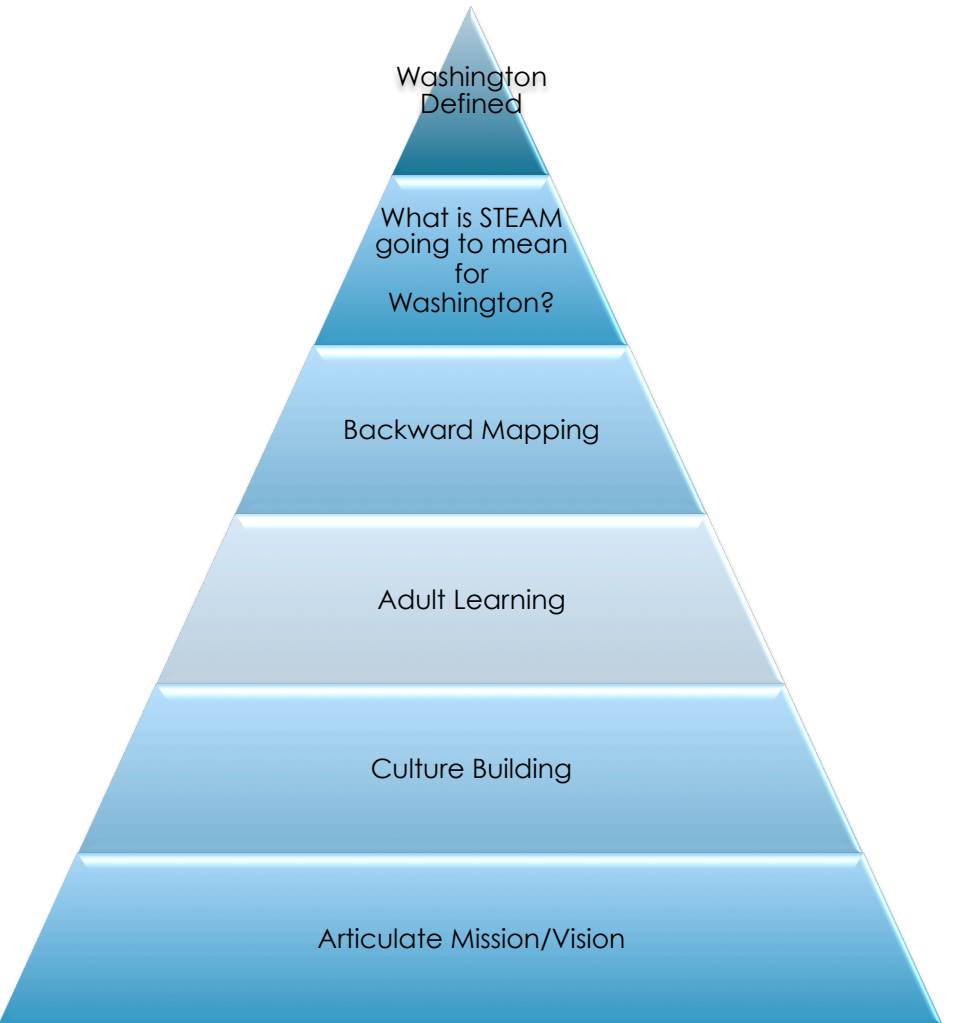
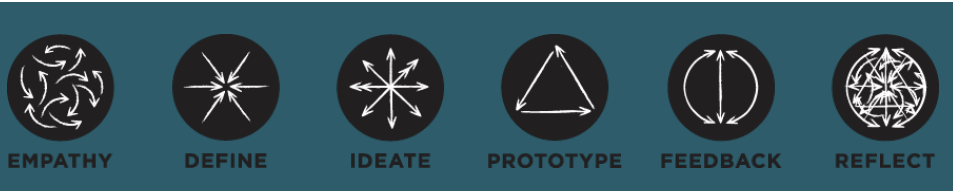


Instruction will be grounded in the NGSS and CCSS and will prepare each student to think, learn, work, communicate, collaborate and contribute effectively as he/she matriculates on to Middle, High School and beyond.

Vision: Washington Elementary will be a destination downtown school where Science, Technology, Engineering, the Arts and Mathematics (STEAM) will guide student inquiry, dialogue and critical thinking.

Mission: The Vision for Washington Elementary School will be fostered in collaborative classrooms that are guided by project based learning.

Washington students will be confident, future innovators who are design minded, collaborative in nature and can tackle projects through prototype and discovery.



SCUSD Mission Supported

Washington will be guided by the SCUSD Mission "to provide every student with the tools needed to be successful."



To do this, the pedagogy will be grounded in existing programs nationwide that are having success with STEM/STEAM programs.

- Katherine B. Smith Elementary, San Jose, CA
- Napa Junction Elementary, Napa, CA
- Walter Bracken Elementary, Las Vegas, NV
- James Berry Elementary School, Houston, TX
- St. Philip's Academy, Newark, NJ
- Dwight-Englewood School, Englewood, NJ
- The D. School Institute of Design at Stanford

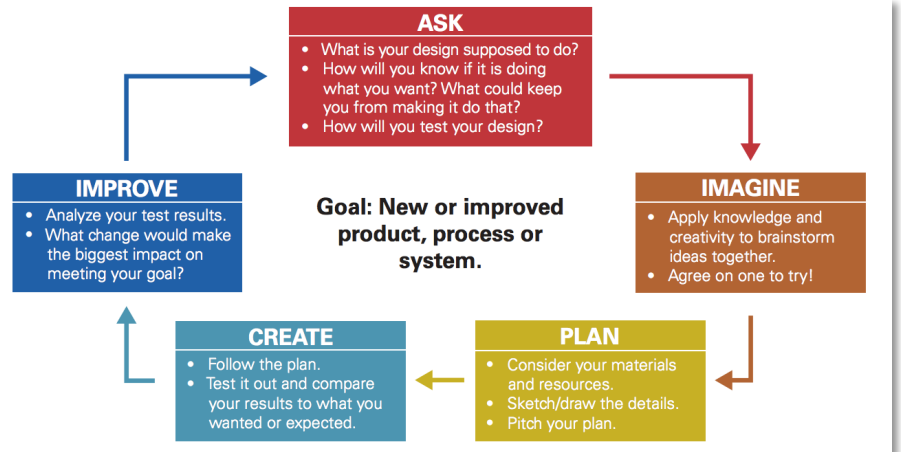
Pillars Career and College Ready Students

Family and Community Engagement

Organizational Transformation

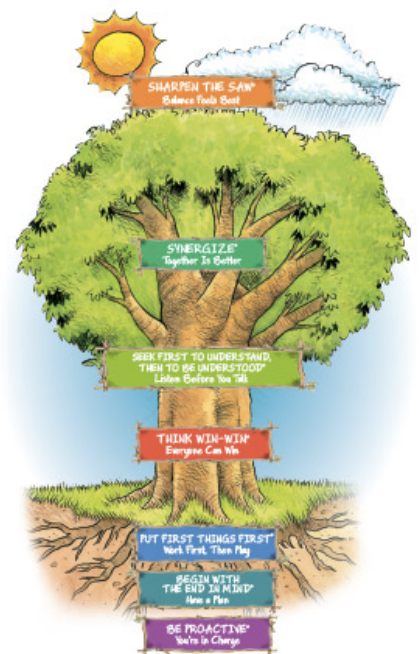
LEARNING THROUGH DOING

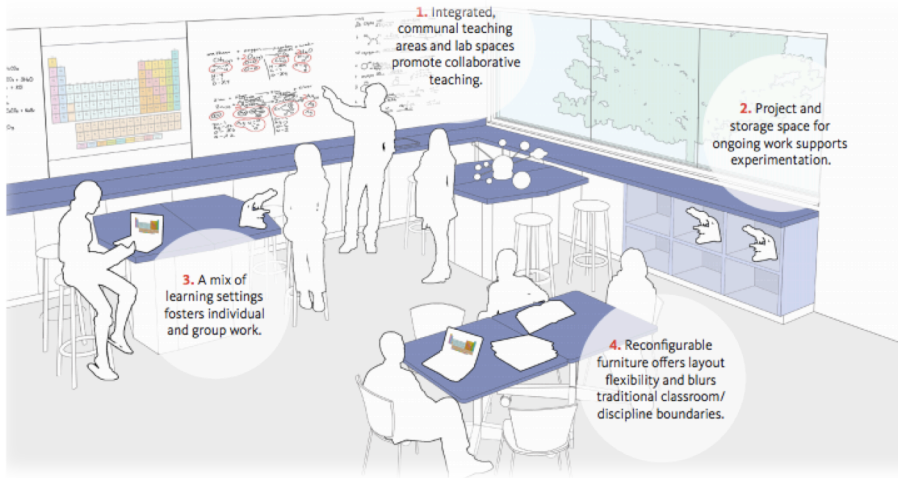
The Engineering Design Process



The **LeaderinMe™**

great happens here





STEAM
 is an **educational approach** to learning that uses Science, Technology, Engineering, **the Arts** and Mathematics as access points for **guiding student inquiry, dialogue, and critical thinking.**

- Susan Riley
 Arts Integration Specialist

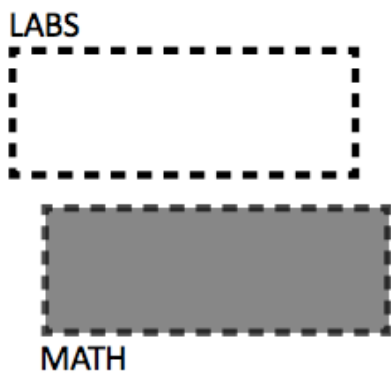
educationcloset

Collaboration, Communication and Flexibility in Every Classroom.

Create spaces that encourage cross-discipline communication; interaction; and facilitate productive gatherings.

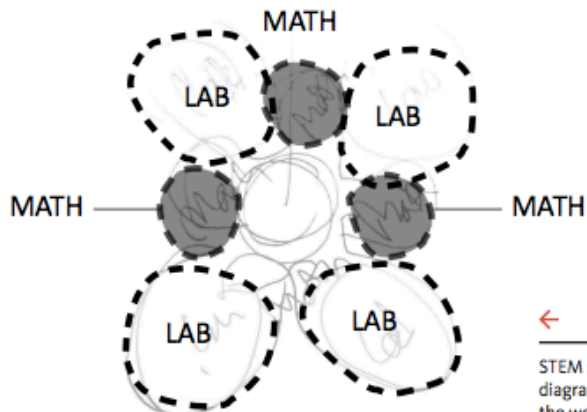


Traditional Approach



VS

Interdisciplinary Approach



←
 STEM space relationship diagrams explored during the work session.

Before



Before/After School:

Program will be an extension of the STEAM Day:

- Robotics
- 3-D Printing/Coding
- Music
- Watercolor
- Ceramics
- Performing arts
- Puppetry
- Chemistry in the Community

Rationale: Through PBL and Collaborative teaching STEAM will be interwoven and not experienced in isolation such as in traditional education settings (separate math time, separate science time, etc.,).

After





Media/Arts

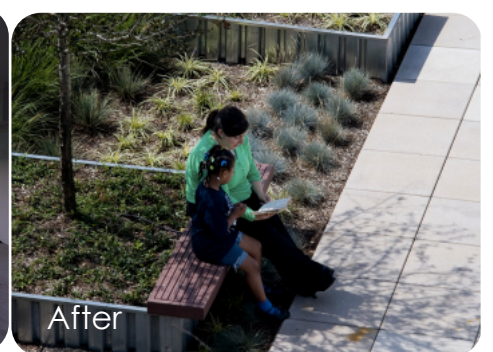




ARTPLAY



Before



After

Create learning spaces in each pocket of the school, with outdoor benches and native plant gardens