House Capital Budget Committee
Work Session
Report on K-12 Tour
K-12 Construction Program Overview
November 17, 2017

Office of Superintendent of Public Instruction
School Facilities and Organization
    Randy Newman – Interim Director
    Tom Carver – Program Administrator
A4LE
Taine Wilton AIA | LEED-AP
Edmonds School District Capital Projects Office
Design and Construction Manager
20th Century Teaching

Sage on the stage
Students work in silos
21\textsuperscript{th} Century Learning
Individualized Learning

Educational Specifications
Brain Research
Differentiated learning
Howard Gardner’s Theory
Hands on Project Based Learning

“Tell me, I forget,
Show me, I remember,
Involve me, I understand”
Chinese Proverb
Non-graded programs

Students grouped in Centers
Students self-directed
Similar abilities
(2) teachers teach 50 students
Help from paraeducators and parents
Collaborative Programs

Collaborative Problem solving
communication, creativity, critical thinking and empathy
Joy of learning
Outdoor Learning

Critical element in student health
Outdoor space with all amenities of classroom
Edible Schoolyard - Alice Waters
Building as Educator

"We shape our buildings and afterward, our buildings shape us"
Winston Churchill
Sustainability

Net-zero or Net-ready beyond Washington Sustainable School Protocol (LEED Silver)
Importance of conservation
Students become life learners
Shape future
Flexible Learning Center
Learning Commons
Dining, STEM and Socialization
Flexible spaces for Large, medium and small groups

Comfortable
Daylit
Ample space
Clear sightlines for supervision
Acoustically separated
Moveable furniture
Library/Media Sciences

No longer warehousing books
Technology assistance hub
Socialization/Community Use
Research
Makerspace
Presentation space
STEM/Advanced Science
Healthy Living
Physical Fitness
Athletics

Student health and healthy lifestyle
Daylit
Sustainable
Flexible active space
Student Service Spaces

Basic Categorical Programs: ELL, learning assistance, gifted and talented, Free/reduced meals, Counseling, SPED, DHH

Activities, Community Centers, Health Clinic, Emergency/Disaster Shelters
Parent Volunteer Spaces
Community Engagement

PTA typically meet in Libraries
Day to day activities
Separate office
Separate Kitchenette
Fundraising
 Costs

Commercial Construction to last 50 years
Contractor hired at Beginning of project
Target Value Analysis of all building elements before any design.
Then shape building to fit within constraints
Materials
Safety and Security

Upfront costs to implement

Long term maintenance and operations
Thank you! Tour Schools
References

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**Design Does Matter** By [Jim French](http://www.jimfrench.com) with DLR, Schools Planning and Management September 1st, 2017

**The Third Teacher:** 79 Ways You Can Use Design to Transform Teaching & Learning

By OWP/P Cannon Design, Inc., VS Furniture, Bruce Mau Design

**The Edible Schoolyard Project** - Alice Waters, Chez Panisse Restaurant

**Make Space: How to Set the Stage for Creative Collaboration**

By Scott Doorley, Scott Witthoft, Hasso Plattner Institute of Design at Stanford University

**Last Child in the Woods** - Richard Louv