Getting It Right!
Perspectives on Education

- Education is the path from cocky ignorance to miserable uncertainty.
- It is a miracle that curiosity survives formal education.
- Children today are tyrants. They contradict their parents, gobble their food, and tyrannize their teachers. What will become of them? This world is truly coming to an end.
- In a time of drastic change it is the learners who inherit the future. The learned usually find themselves equipped to live in a world that no longer exists.
“Progress in the 21st century will proceed at rates 1000 times greater than the 20th century.”

— Ray Kurzweil
The Rise of the “Any” Child

– Any Time
– Any Place
– Any Path
– Any Pace

(Milton Chen)
The Learner Centered Paradigm
I am the Any Child and my success matters...

- Knowledge
- Skills
- Disposition
“Do not train children to learning by force and harshness but direct them to it by what amuse their minds, so that you may be better able to discover with accuracy the peculiar bent of the genius of each.”

- Plato
The Learner Centered Paradigm
I am the Any Child and my opinion matters...

- Competency Based
- Learner Agency
- Personalized, relevant and contextualized
- Open Walled
- Socially Embedded
Hands-On Learning is Real Learning
Hands-On Learning Fosters Creativity
Build Challenge:
Build a duck!
Torrance Test of Creative Thinking
Hands-On Learning Encourages Failure
Critical Thinking
And Problem Solving
Build a structure that when viewed from above has exactly 100 LEGO dots (studs).
Hands-On Learning Inspires Teamwork
Monticello High Schools
Charlottesville, VA
Build Challenge:

Work with the person next to you. One of you build a model without showing your partner. Then stand back to back and instruct your partner how to build a copy of your model.
Hands-On Learning is Real Assessment
Test Question

LIST, IN ANY ORDER, THE FOUR SEASONS:
1. _____________ 2. _____________ 3. _____________ 4. _____________

67% of the students gave the following answer?

1.DOVE  2.DEER  3.DUCK  4.TURKEY
We are all unique
“The future is already here; it is just not very evenly distributed.”

- William Gibson
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