Mind and Hand, Re-Introduced

Mike Eisenberg
Department of Computer Science
and Institute of Cognitive Science,
University of Colorado, Boulder
The Images of “Educational Technology”
Images of “Computer Scientist” (middle school version)
Educational Technology can look like…
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The “technology” in “educational technology” is a rapidly evolving ecosystem:

• Embedded computing systems
• Fabrication devices (3D printers, laser cutters, paper cutters)
• Novel materials (conductive paints, threads, adhesives, ceramics, and much more)
• Projection and display tools (nanoprojectors, 3D displays, volumetric displays)
The “education” in “educational technology” is itself evolving:

• Programmable objects: wallpaper, curtains, mobiles, clothing, artwork, game pieces, plush toys…

• New settings for those objects: a child’s bedroom, a teenager’s hangout, a front yard, a playground, the local park…

• New opportunities for technological play and learning: parties, sporting events, theatrical performances, field trips, flash mobs, poetry slams…
If time permits…

- Videos of some representative projects:
  - Programmable paper
  - Three dimensional design by hand
  - Programs written on the floor
Technology is more than computers (or even the Web).

Education is more than the classroom (or even the local science museum).
The Craft Technology Group

Ann Eisenberg          Yingdan Huang
Ben Leduc-Mills       Kevin Klinkel
Jane Meyers           Kyle Ludwig

*Alumni:*
Leah Buechley         Susan Hendrix
Glenn Blauvelt        Nwanua Elumeze

*Builder-in-training:*
Adam Eisenberg
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