rethinking cultural and material contexts for computing

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empowerment
democratization
democratization =

making stuff accessible and easy
what’s missing?
context
what contexts has technology democratization taken place in?
who has been left out?
what other things do people make, passionately and creatively?
high-low tech
how might democratized technology, physical materials, and culture intersect in new ways?
watch & listen: look at what and how different cultures build
invent: explore new combinations of materials and technology
democratize: make these new technologies accessible to others
watch & listen: deploy our tools and see what happens
the story of LilyPad Arduino: a high-low tech case study
watch & listen: look at what and how different cultures build
invent: explore new combinations of materials and technology
democratize: make these new technologies accessible to others
LilyPad Arduino
watch & listen: deploy our tools and see what happens
“Electronic Fashion” classes
democratize part 2
Hannah Perner-Wilson and Mika Satomi
Diana Hughes
a newer example:
Paper Computing
invent: explore new combinations of materials and technology
democratize: make these new technologies accessible to others
a kit for paper computing
stepping back...
thank you!

questions?

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