

Forces shaping contemporary design practice:

- Increasing complexity in the scale of contemporary problems
- Escalating demand for interdisciplinary teamwork
- Accelerating pace of technological evolution
- Growing participation by users in the development of content and form
- Expanding accountability for anticipating the outcomes of design action

The design of learning experiences:

- open-endedness
- situatedness
- responsiveness
- position
- integration
- assessment

excerises

Render a mechanical object, using only black and white, to illustrate the Gestalt principle of closure.

excerises

Design a poster on a typeface and its designer, including a full alphabet, examples from history that use the typeface, and the designer's biography.

excerises

Package a raw egg, using only toothpicks and glue, so that

puzzles it survives a drop of 10 feet. The student who uses the least number of toothpicks wins!

excerises

Design a system for helping people who live in urban

puzzles

"food deserts" to eat a healthy diet and to develop good nutritional habits in their children.

problems

excerises

How might a reader's interaction with magazines read

puzzles on the iPad be different from the same content in print?.

problems

speculations

excerises

puzzles

problems

speculations

excerises

How much of what kind?

puzzles At what point in the course/curriculum?

In service of achieving what learning objectives?

problems

speculations

the goodness of fit between form and context

the goodness of fit

between form HIV prevention information for teenagers

and context

the goodness of fit between form

and context

HIV prevention information for teenagers

HIV prevention information for 15-17 year-old girls

HIV prevention information for 15-17 year-old girls who have dropped out of school

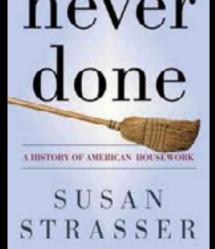
the goodness of fit between form and context

HIV prevention information for teenagers

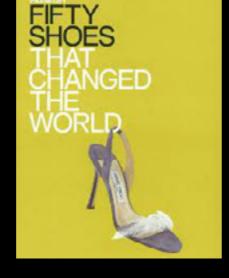
HIV prevention information for 15-17 year-old girls

HIV prevention information for 15-17 year-old girls who have dropped out of school

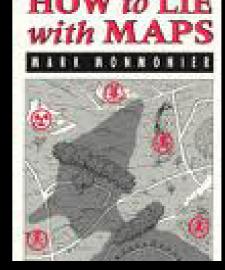
HIV prevention information for 15-17 year-old girls who have dropped out of school and live on the streets

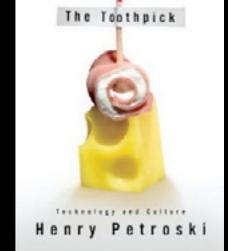


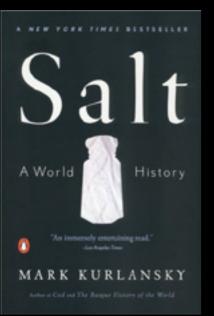


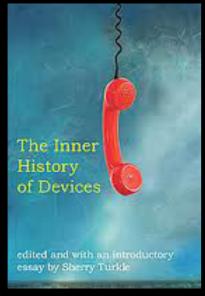


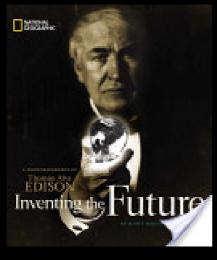


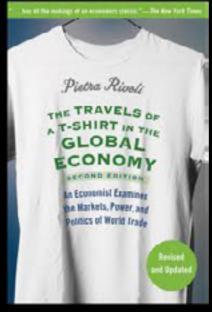


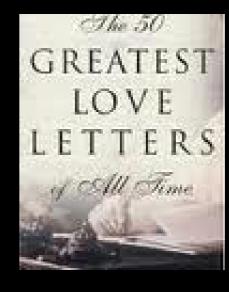


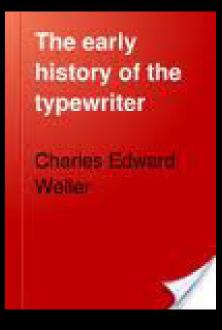


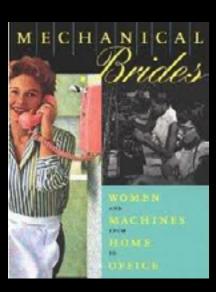


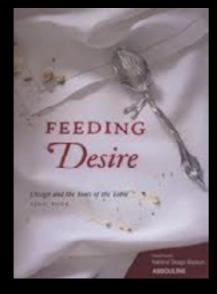


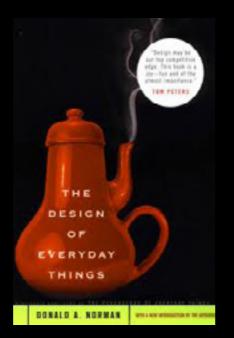


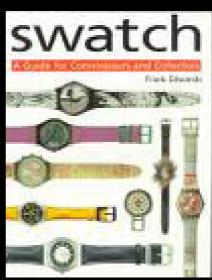


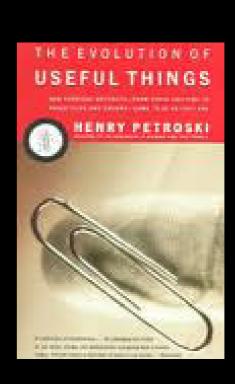








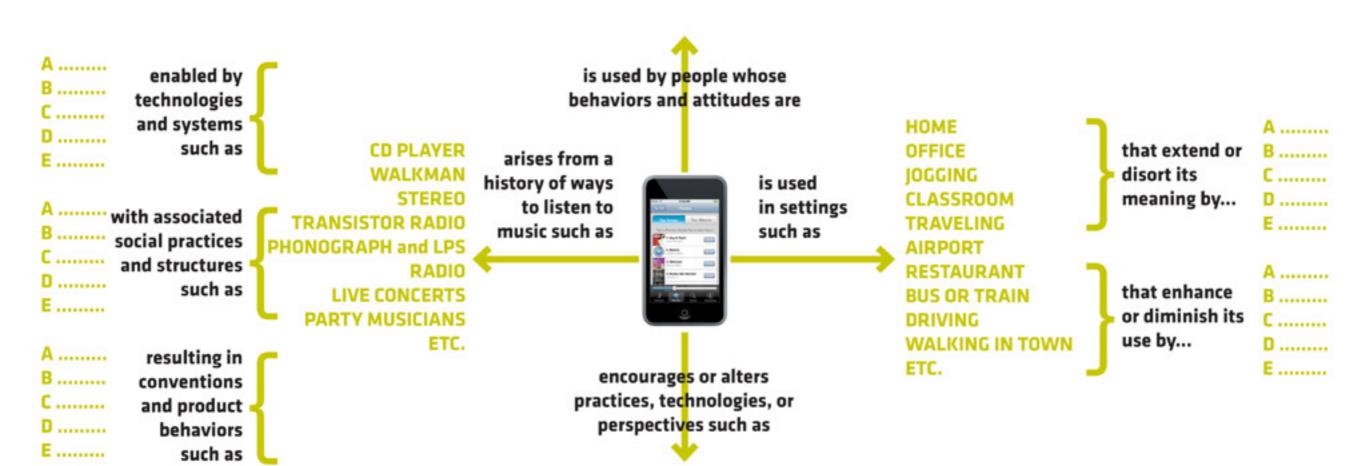




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Evocative Objects

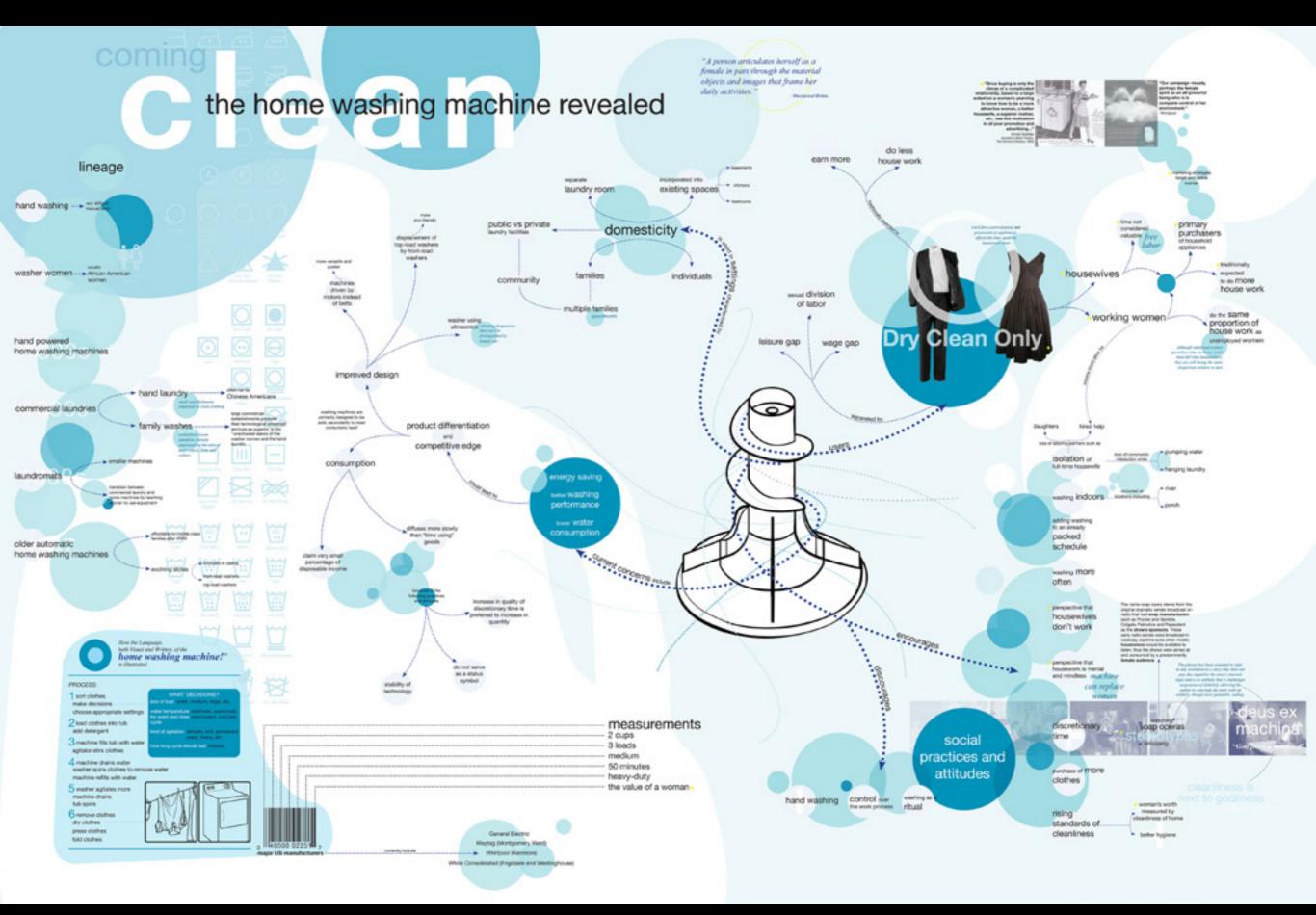
Edited by Sherry Turkle

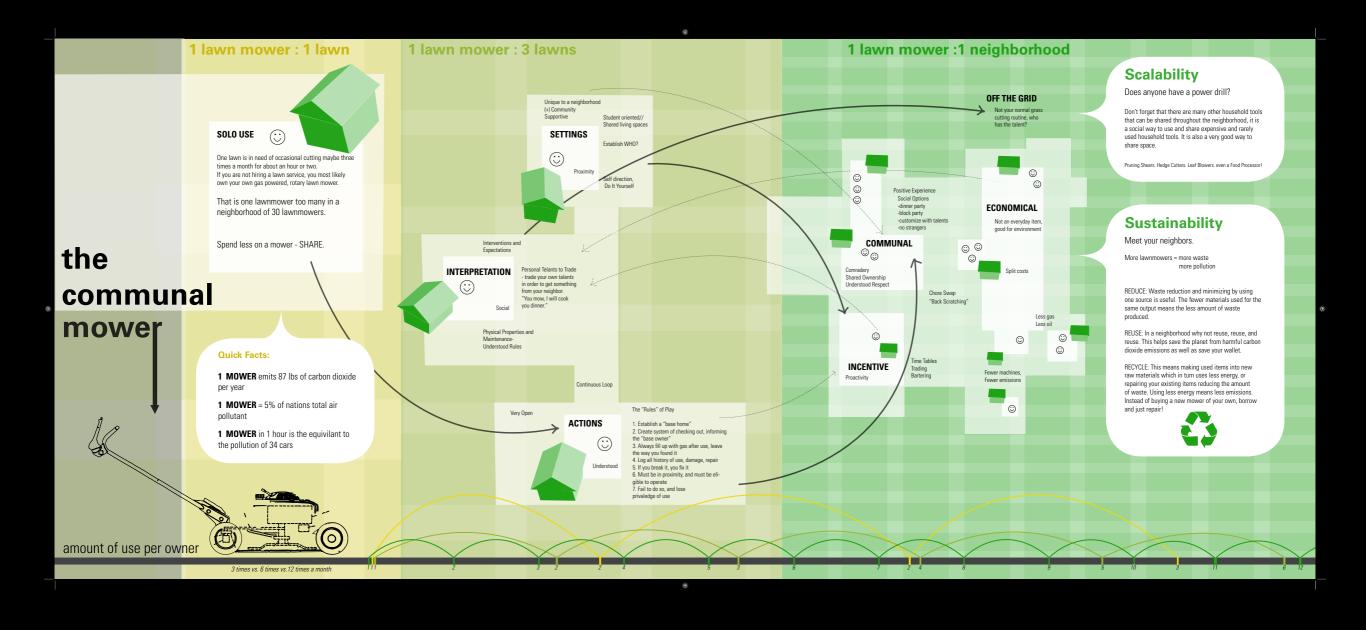


SOCIAL/CULTURAL

PERSONAL

HOW MUSIC IS RECORDED AND SOLD
INTERFACE DESIGN ON MOBILE DEVICES
ANYTIME ACCESS TO MUSIC AND INFORMATION
SOCIAL STATUS CONNECTED WITH TECHNOLOGY
iPHONE, iPAD, iMOVIES, ETC.





























MOBILE APPLICATION

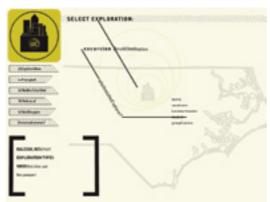




URBAN EXPLORERS: UExploreNow Thread Service Design Natalie Brown













behavior,
perception,
motivation, and
reasoning of
audiences and
users

Subject matter / goal →	Α	В	C	D
1 / Teenagers	1A	1B	1C	1D
2 / Parents of teenagers	2A	2B	2C	2D
3 / Pre-schoolers	3A	3B	3C	3D
4 / Non-English-speaking	4A	4B	4 C	4D
adults				
5 / Public officials	5A	5B	5C	5D
	1 / Teenagers 2 / Parents of teenagers 3 / Pre-schoolers 4 / Non-English-speaking adults	1 / Teenagers 1A 2 / Parents of teenagers 2A 3 / Pre-schoolers 3A 4 / Non-English-speaking 4A adults	1 / Teenagers 1A 1B 2 / Parents of teenagers 2A 2B 3 / Pre-schoolers 3A 3B 4 / Non-English-speaking 4A 4B adults	1 / Teenagers 1A 1B 1C 2 / Parents of teenagers 2A 2B 2C 3 / Pre-schoolers 3A 3B 3C 4 / Non-English-speaking 4A 4B 4C adults

behavior,					
perception,	Subject matter / goal →	A	В	C	D
motivation, and					
reasoning of	1 / Teenagers	1A	1B	1C	1D
audiences and					
users	2 / Parents of teenagers	2A	2B	2C	2D
	3 / Pre-schoolers	3A	3B	3C	3D
	4 / Non-English-speaking	4A	4B	4 C	4D
	adults				
	5 / Public officials	5A	5B	5C	5D

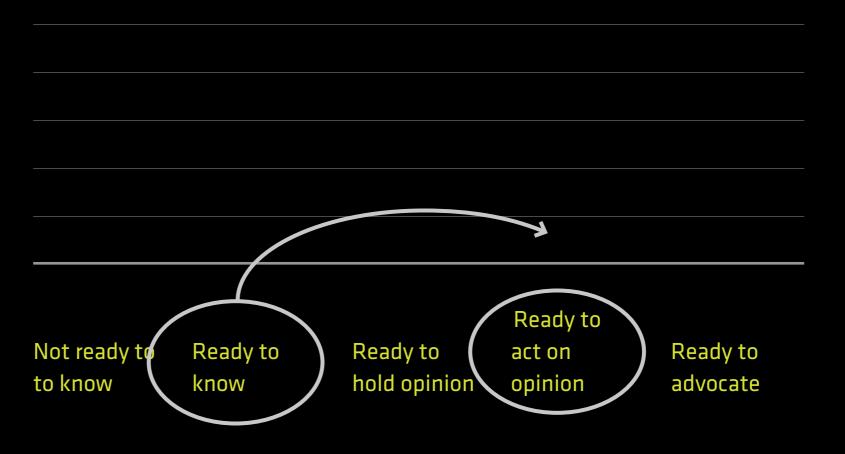
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broadcast television	
internet distributed	
direct mail	
environmental	
point of purchase	

Ready to

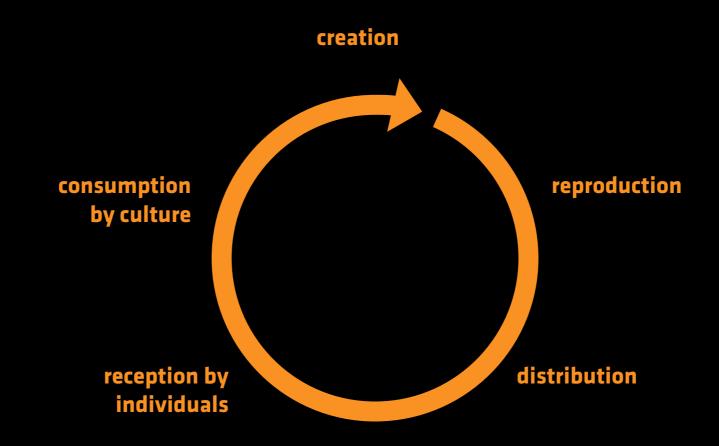
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broadcast television
internet distributed
direct mail
environmental
point of purchase



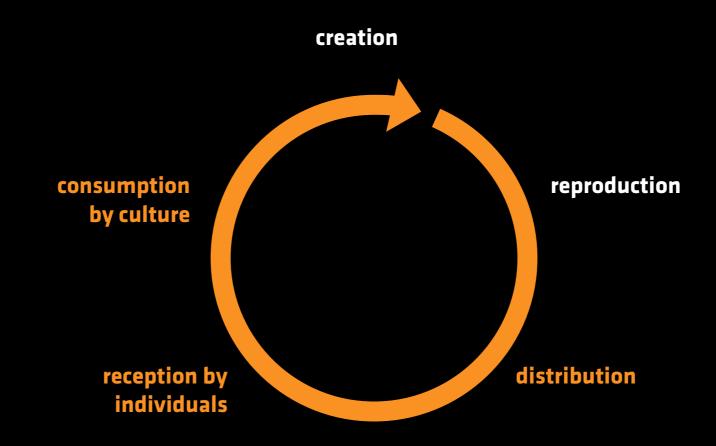
position

on the scope of designer responsibility



position

on the scope of designer responsibility



position

on the scope of user responsibility

consumer → user → participant → co-creator

integration

making

connections

letter

word

sentence

paragraph

page

document

integration

making

connections letter

word

sentence

paragraph

page

document

formal systems

descriptive systems

technological systems

reading systems

language systems

integration

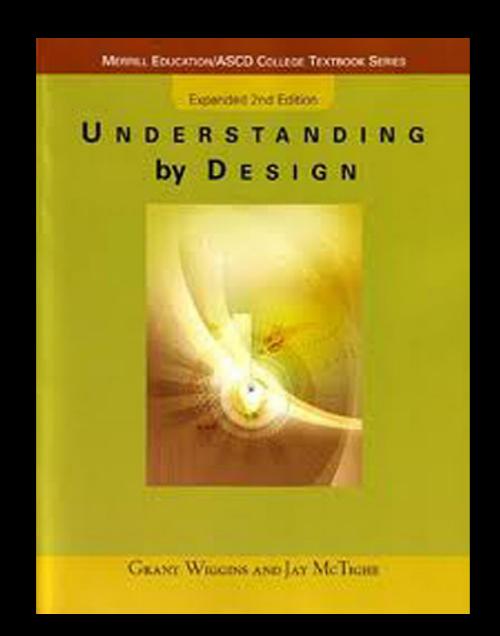
making connections

Kathleen Meaney, faculty

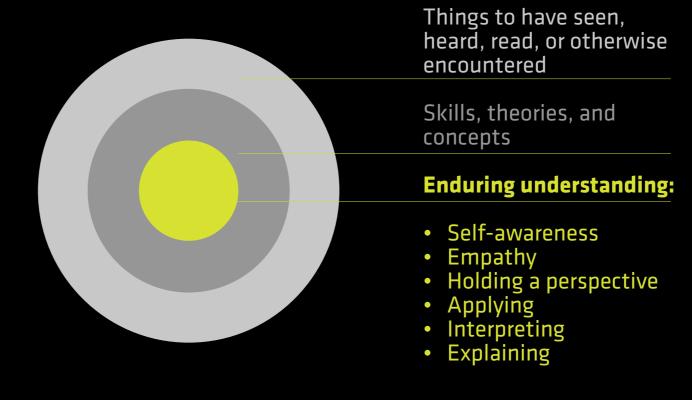


Evaluation structures
Nature of feedback

Grant Wiggins and Jay McTighe



what should students know and be able to do?



	qualities of performance	levels of achievement
self-awareness	reflective, self-adjusting	refines over time, debates options, resolves conflict
empathy	perceptive, open	inclusive, sensitive
holding a perspective	credible, revealing	critical, aware of other
		points of view
applying	effective, efficient, fluent	no need for coaching,
		innovative
interpreting	meaningful, insightful,	significant, clear, responsiv
	illustrative	to context
explaining	accurate, coherent,	complete, shows depth
	justified	

conclusion...

learning experiences are designed!