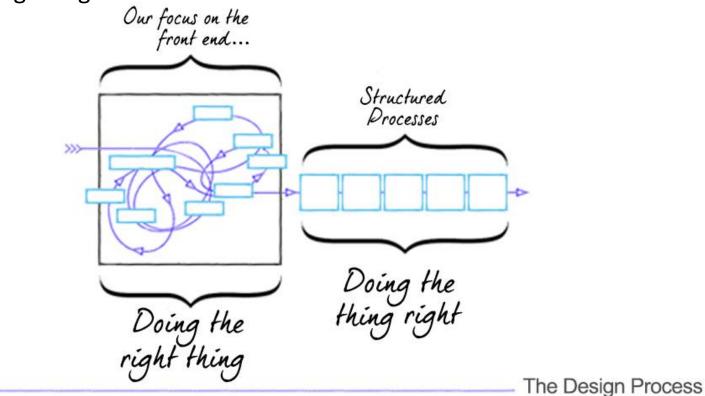
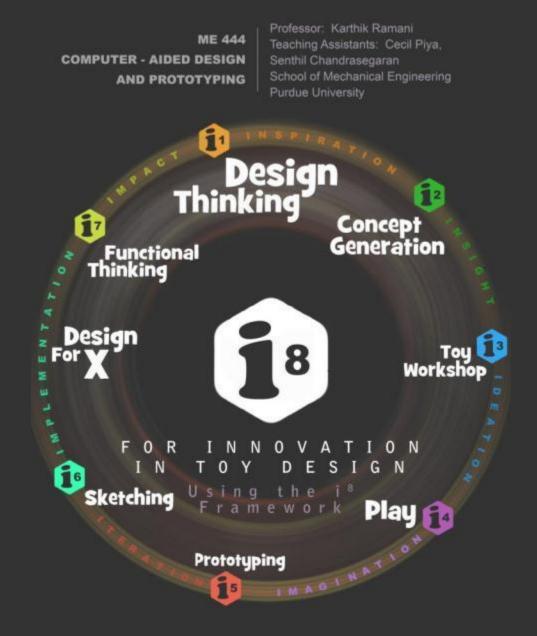
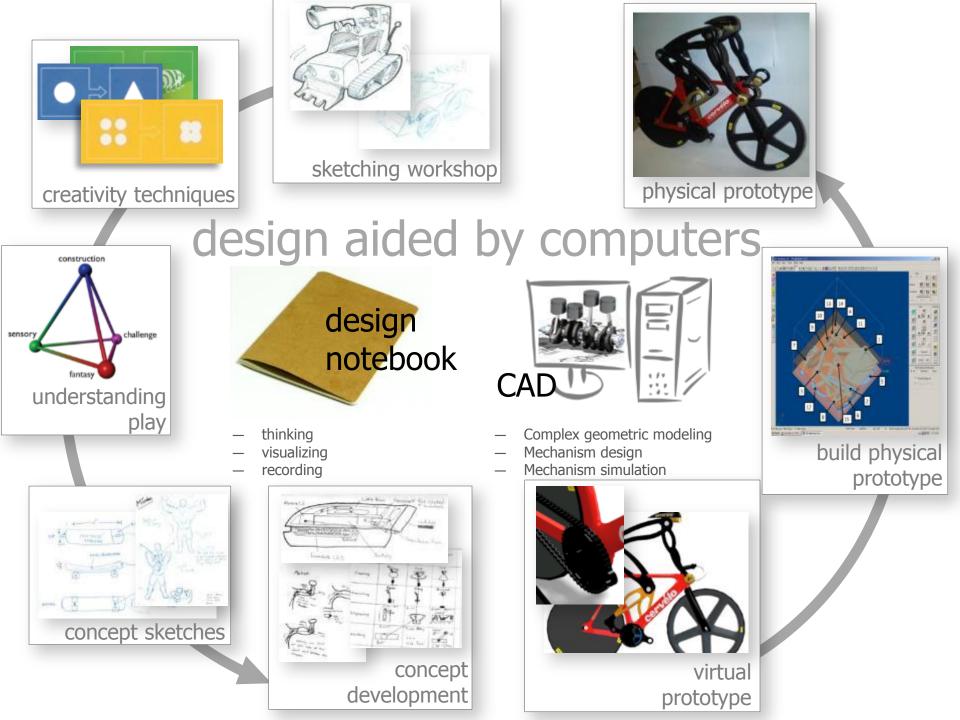
The Shape of Design

Deconstructing Design



Karthik Ramani Donald W. Feddersen Professor of Mechanical Engineering Professor of Electrical and Computer Engineering Purdue University

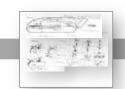








concept sketches



concept development



virtual prototype



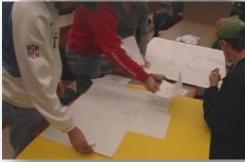
build physical prototype



physical prototype

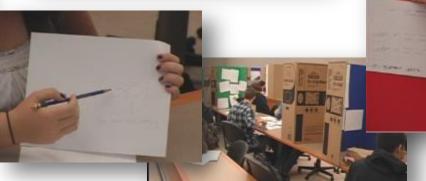


















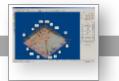
concept sketches



concept development



virtual prototype

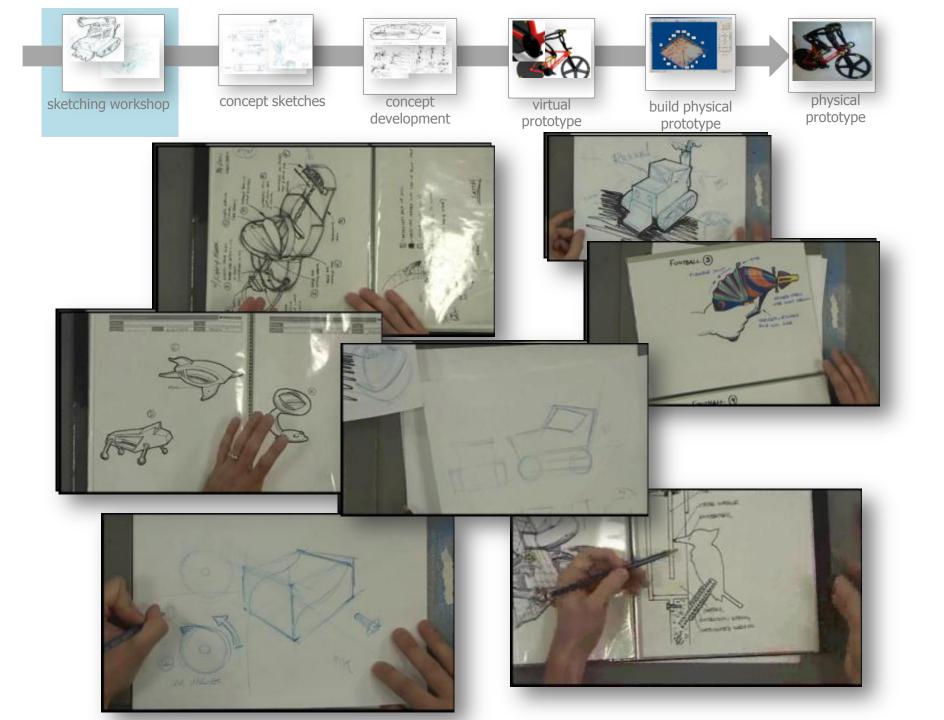


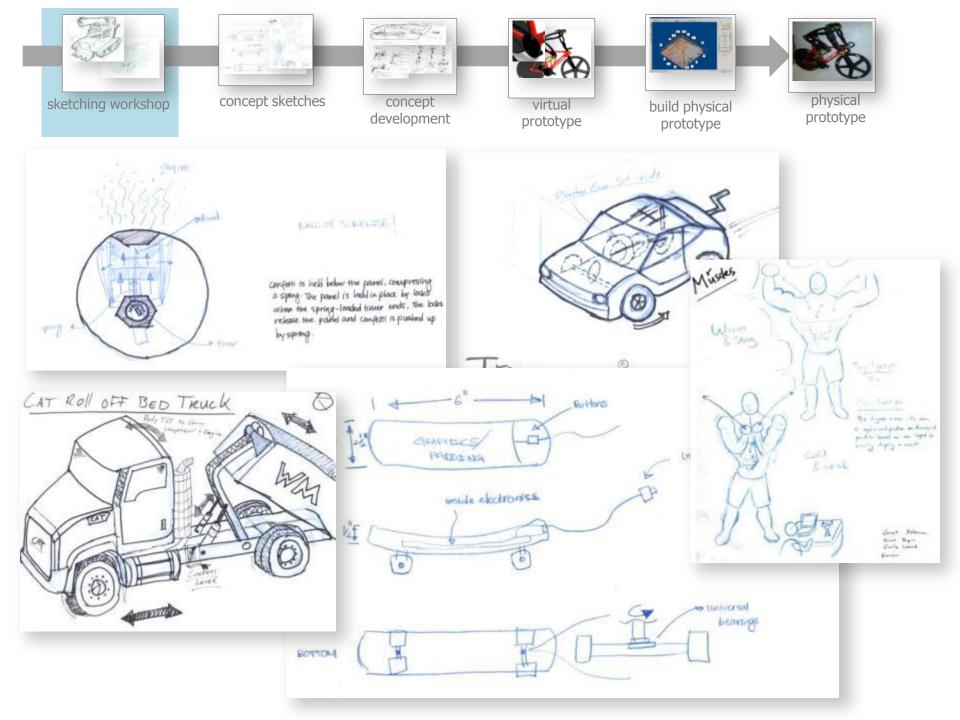
build physical prototype

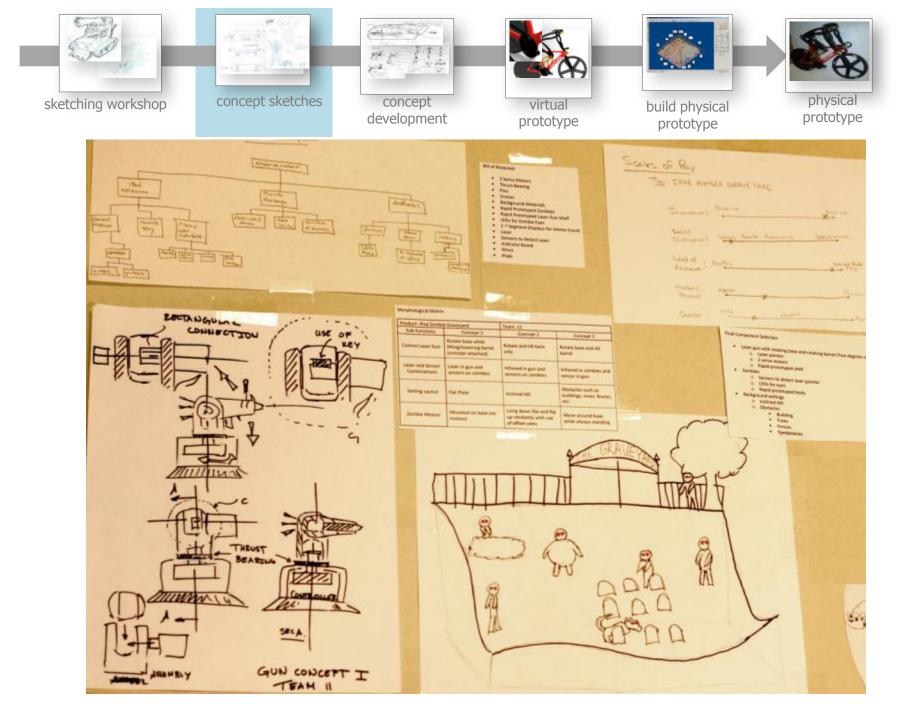


physical prototype

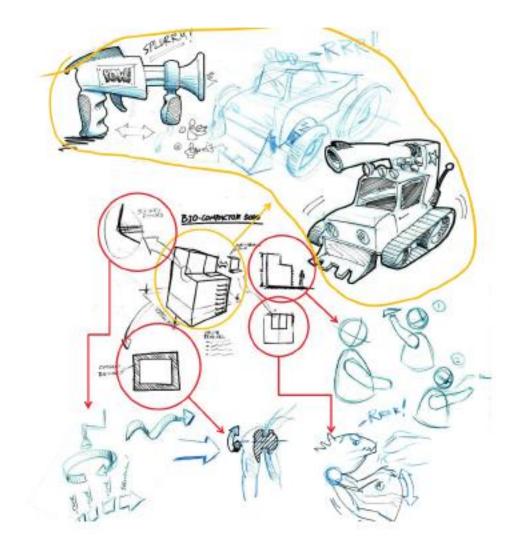


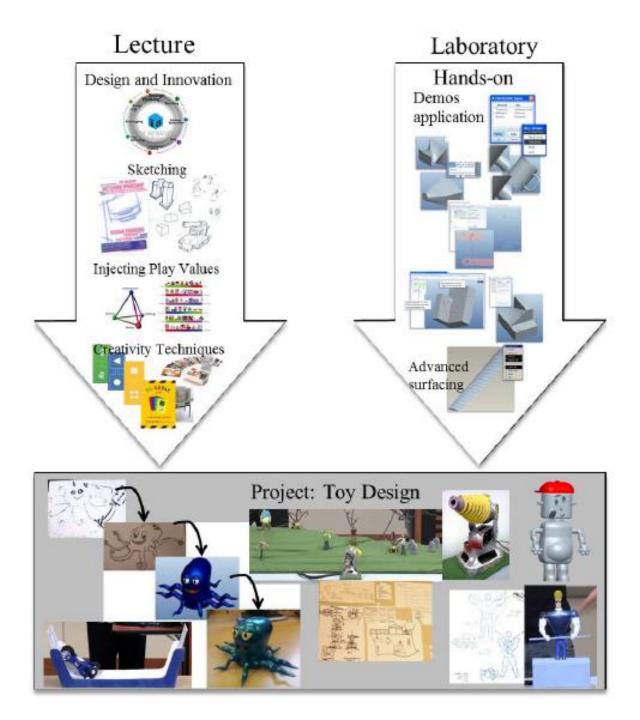
















concept sketches



concept development



virtual prototype



build physical prototype



physical prototype

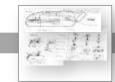






sketching workshop

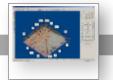
concept sketches



concept development



virtual prototype



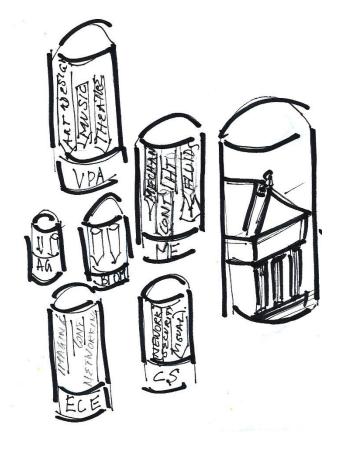
build physical prototype



physical prototype



How engineering is taught: creating "silos" of knowledge



...and how it should be taught

