anyone who has never made a mistake has never tried anything new

Albert Einstein, 1879-1955
theoretical physicist

2.009 Product engineering processes
ideate. model. test.
Sketch model review

in 34-101

shop is open 6-9 PM Tuesday and Wednesday
load slides onto presentation computer 2:30-5:30 PM Thursday
use scheduling tool to arrange upload time (online now)
work in the shop will cease at the usual 4:45 PM
shop access to pickup materials until 6:30 PM
presenters test in 34-101 between 6:30 and 7:00 PM
sketch models/presentation props should be in foyer outside of 34-101 by 7:00 PM
presentation order and detailed logistics will be on home page
no lecture on Wednesday
Sketch model review

pdl

registration is on the website
2.009 Product engineering processes
Sketch model phase

benchmarking learn from your competitors
mobilize as a team to teardown
2.009 Product engineering processes
sketch model phase: today

modeling challenge mobilize to build up
the dangles are desperate!
name *and section*, no computers or mobile

**Your challenge!**

design a fun, danger-evading human-powered vehicle

that can house at least 2 occupants

to drive down the danger dump deflect mayhem missiles

and successfully ship safety sircle shooters

retrieve the dangles!
Build challenge

danger-worthy human powered vehicles

kits are in your team area, inspired by your suggestions

**team activity:** assemble the sketch model of your device

**testing event:** Friday after sketch model results and feedback
Build challenge

danger-worthy human powered vehicles

kits are in your team area, inspired by your suggestions

**team activity:** assemble the sketch model of your device

**testing event:** Friday after sketch model results and feedback

**tips**
review plans, look at table layout, make an organizational plan, delegate, work in parallel, **help your team learn**, ask if something is unclear, be careful
Build challenge!
a few pledges

I will work safely
I will take turns
I will not free the dangles!
(no testing)