

FACULTY OF ART, DESIGN AND ARCHITECTURE
DEPARTMENT OF INDUSTRIAL DESIGN

DRAWING 1 BADD2Y1

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WHY TO SKETCH?

Sketch is a vehicle to express your ideas, to visualize them, to create them.

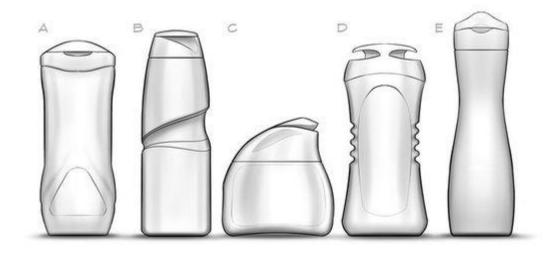


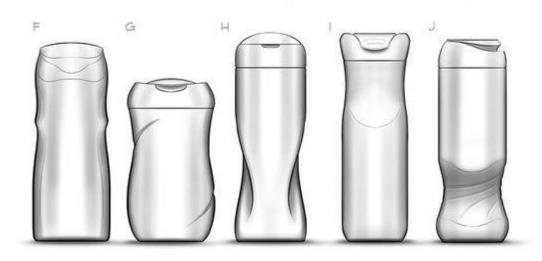
1. EXPLORE YOUR OWN IDEAS, AND COMMUNICATE THEM TO YOUR DESIGN TEAM

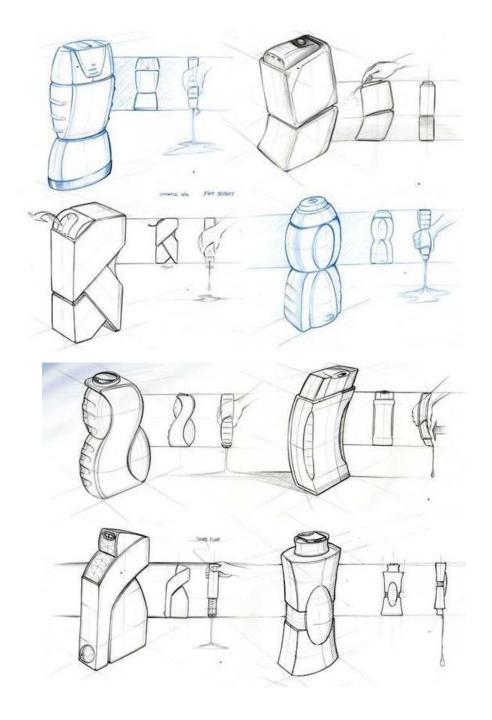




2. FIND HAPPY ACCIDENTS, KEEP ITERATING

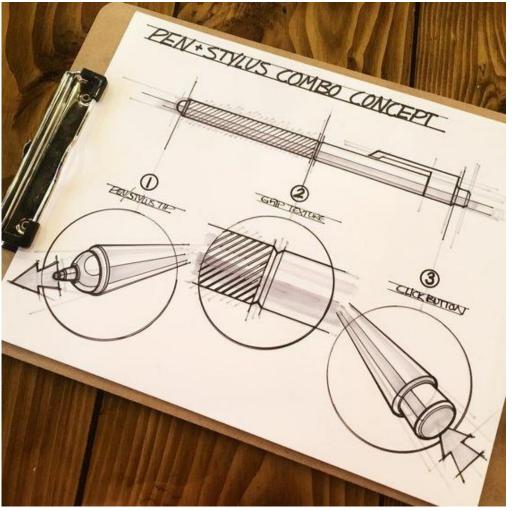






3. REMOVE AMBIGUITY, DECIDE. DON'T EXPLAIN WITH WORDS, EVERYONE SHOULD UNDERSTAND THE SAME.



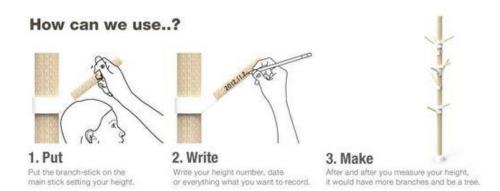


4. IMPRESS, PRESENT, SELL.



5. TO HAVE FUN, YOU HAVE TO ENJOY IT.







PEOPLE REACT TO YOUR DRAWINGS, BEFORE YOU TALK ABOUT YOUR IDEAS.

(Jae Park, Industrial Designer)

The presentation of the sketch affects the perceived creativity of the idea. (Kudrowitz & Wallace 268:2012)

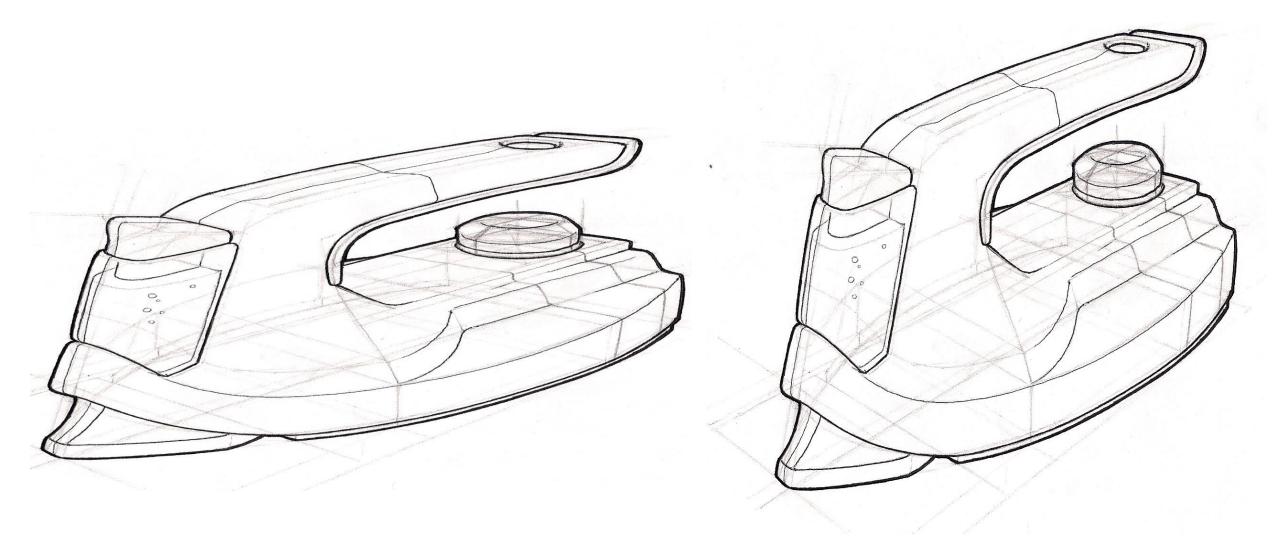


Fig. 7. Four toaster concepts drawn at four levels of sketch quality.

HOWTO IMPROVE?

PERSPECTIVE - PROPORTIONS - LAYOUT - ACCURACY

1. PROPORTIONS ARE EVERYTHING

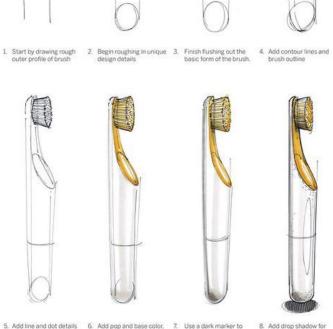


2. "BUILD" A SKETCH, DON'T "DO" A SKETCH

Suggested Tools: Copic Multiliner O.2, Paper Mate Flair, Copic Warm Grey 3 & 5. Copic Yellow Ochre Estimated Time: 2 minutes



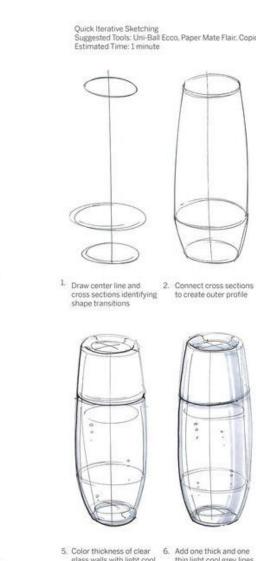
indicating brush bristles leaving white highlights



grounding and quick

texture/highlight details

indicate shadows



glass walls with light cool

grey marker

thin light cool grey lines

to indicate reflections



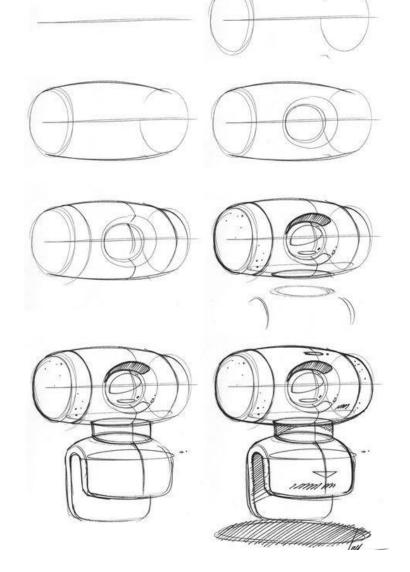
7. Add one dark cool grey 8. Add pop color indicating

important detail and leave

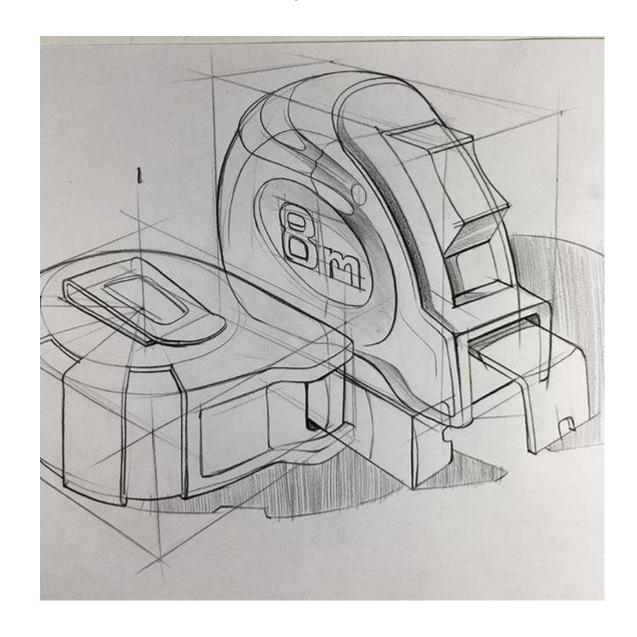
one streak white for highlight

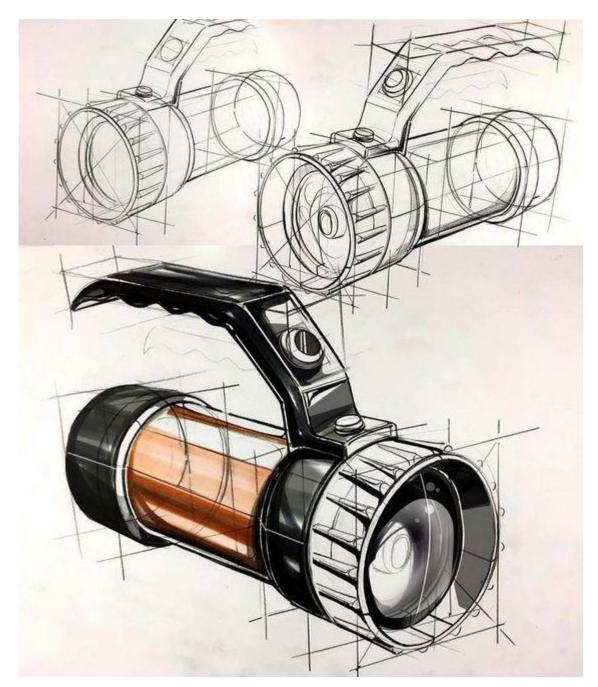
line offset from edge for

additional reflection



3. DON'T THINK FLAT, THINK IN 3D

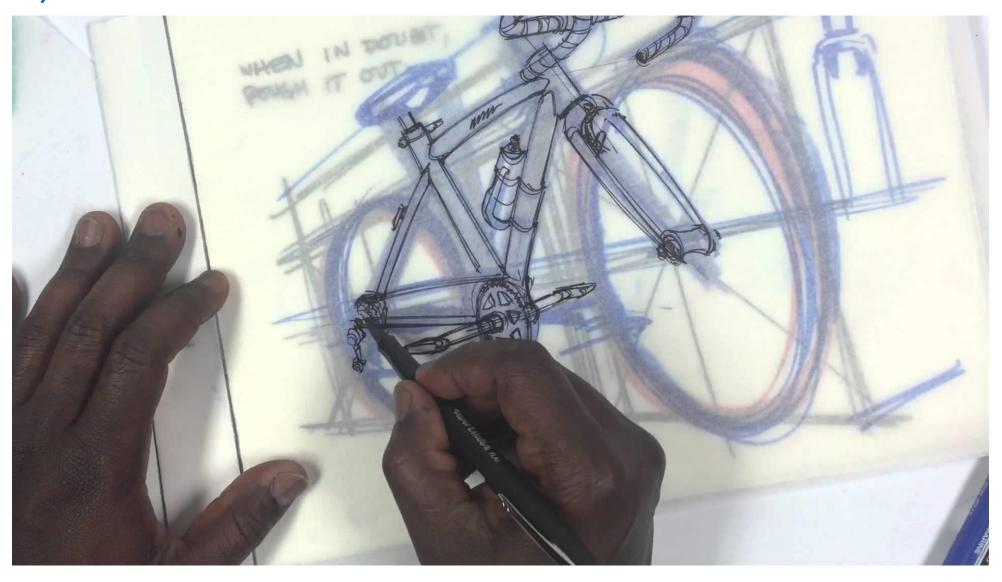




4. DETAIL ONLY IMPORTANT THINGS



5. CHEATING IS OK BUT DON'T COPY, YOU'RE CHEATING YOURSELF. TRACE YOUR OWN DRAWINGS, AND PRACTICE



RESOURCES

Kudrowitz B., Te P., Wallace D., 2012. The influence of sketch quality on perception of product-idea creativity. Artificial Intelligence for Engineering Design, Analysis and Manufacturing, 26, pp 267-279 doi:10.1017/S0890060412000145

WEB VIDEOS

https://www.instagram.com/advdessketch/?hl=en

https://designsketchingblog.wordpress.com/page/3/

https://lineweights.com/tag/product-design/

https://www.coroflot.com/francois_rybarczyk/sketchbook

https://www.youtube.com/watch?v=y-PacjU6h44

https://www.youtube.com/watch?v=kta2cpiKp8M

https://www.youtube.com/watch?v=la2UP34SHm4

3 POINTS PERSPECTIVE

