12 Taking Stock and Sketching

Saturday, February 20, 2016 10:51 PM

Today

Taking stock: looking back at Upcycle, and ahead at Main Project

Some sketching

UPS on color

Tonight: Between The Folds

Wednesday Blog: Info for team building - what are your skill sets, and what are your personal aspirations

(not inspirations)? What do you want to do when you graduate? What do you aspire to be?

Friday: Guest speaker Adam Agee, industrial designer, on role of sketching

Taking stock

Looking Back at Upcycle

Presentations: Very Good! Coherent, illustrated well. One suggestions, works with all talks:
Say Thank You at the end of your talk. Do NOT say 'Any questions' right away; wait until
after the applause. Then ask for questions. It's magic. It completes the rhythm of the talk.
Allowing applause sets the audience free to ask.

Written report should be very complete, have more details than the presentation. Use comments to find areas that need more details described.

Many wonderful artifacts. Would love to see them all achieve their maximum vision. Most folks attempted fabrication techniques that were brand new to you.

How could class support/structure have helped move everyone to the next level? What changes should be made for Upcycle project, or be made now to maximize success of main project? Survey: Qualtrics. A bit long, maybe 20 minutes to complete. Expect email today. Please complete by 5 pm Friday 2/24/17

I promise that your survey responses are anonymous to me, but I feel I need to track responses in order to make sure I get a good sample.

Clicker: Do you trust me in this? Exchange clickers for anonymity.

- A) absolutely
- B) probably, but it's ok, will be honest in responses
- C) probably, but responses may not be 100% honest
- D) not really

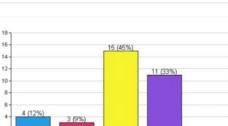
Looking Forward to Main Project

Design Review: 3 weeks to March 13

Aesthetics First! Complete a prototype that demonstrates the aesthetic. Can be non-functional. Can be small scale model. Make it say what you want; don't get caught up in the engineering.



- b) I have a couple of ideas to choose from
- c) I am not ready to choose
- d) I am panicked. I have no clue what I'm going to do



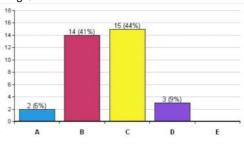
OK. It's good to know what resources you have, so hopefully this week's blog assignment will help with that. Be sure to read your teammates' posts. We may have class time Friday for project discussions and brainstorming. If not, we will do that Monday for sure.

Sketching Session: check your perspective

How is your practice going?

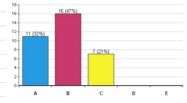
a. I sketch every day

- b. I'd like to sketch every day, but only do it a few times per week
- c. I only sketch as needed for a specific project. Would like to be better, but not a priority
- d. I'm not into sketching
- e. Sketching has no value; no point in learning it.

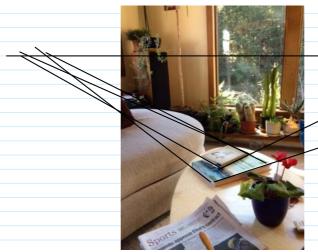


Do you want specific sketching exercises?

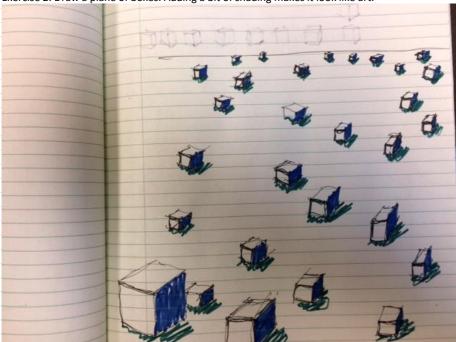
- 1. Yes please!
- 2. OK, wouldn't hurt
- 3. Nah

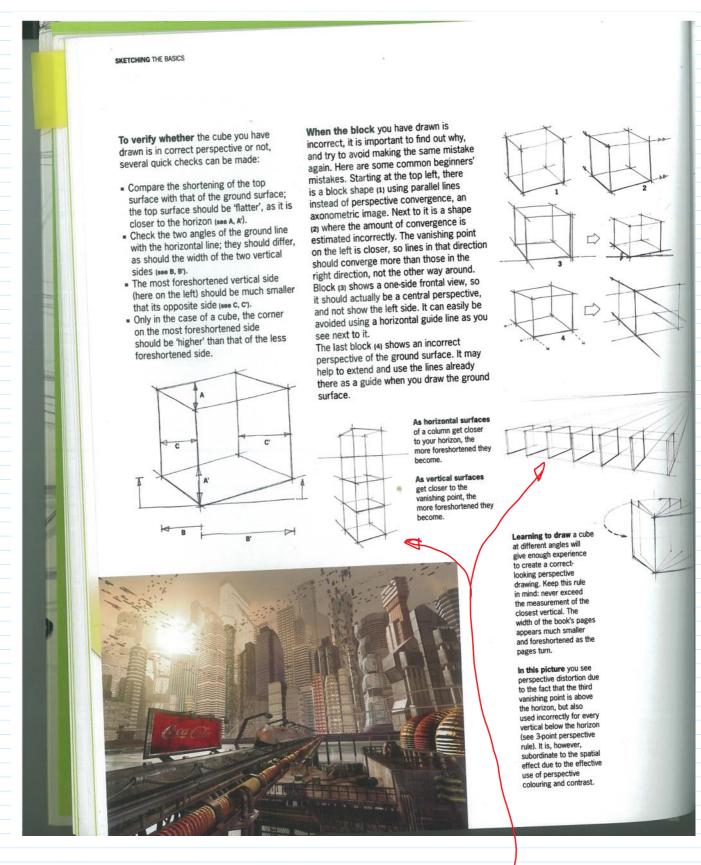


Exercise 1: What is realistic for viewpoints? Take some snapshots of rectangular shapes, draw on them, extending lines to see where vanishing points are.



Exercise 2: Draw a plane of boxes. Adding a bit of shading makes it look like art.





Exercise 3: Draw a stack of horizontal and vertical surfaces. Note the foreshortening, how a surface narrows as the surface normal moves away from the central perspective.

Exercise 4: Draw a rotating cube in flip book format, maybe at the corner of your sketchbook. Have

something come out of the cube at the end for fun.

Universal Principles of Design (UPDes)

Book and video series, available on Lynda.com (http://www.colorado.edu/lynda) Many good functional design rules, based on ergonomics, psychology, market research; what do people do when they interact with designs? Text has references that video omits.

And some good aesthetics rules, based on research on human likes/dislikes.

Last Time: Supernormal Stimuli: instinctual likings/ or dislikes; responses.

Examples from students:

Psychological effects: green, light blue = calming

Red= agression

Shiny things = more attractive

Sharp corners = scary, bad

Rounded is pleasant, not scary

Music: emotionally evocative,

Motion

Last year's suggestions:

Red Blue and Yellow - draw eyes, attractive

Shiny; always looking for water

Orthogonal shapes, sharp angles make humans anxious (more on this

ater)

Musical notes: Pentatonic scale, equal temperment. Humans like hearing

frequencies with rational relationships like perfect 3rds and 5ths.

Today: White Effects.