101.5 of sketching and shading
fairy tales are about fantasy
101.5 of sketching
Warm up!
lines, circles, and ellipses
Advanced Warm up!
Advanced Warm Up!

on an index card!
Cylinder on a Block
Cube on a Cube
Circles on Cubes
The Cylinder

ellipse minor axis inline with cylinder center axis
Putting it Together
Putting it Together
Products of Basic Shapes
Using a Marker! (aka markering)
Using a Marker! (aka markering)

Keep a wet edge

Keep marker moving

Overlap strokes

Constant speed

Alternative techniques
Shading and Lighting

Choose a light direction

1-2-3 method

10%, 30%, 50% gray

Start with lightest
Let's Practice!
Shading and Lighting
Let’s Practice!
Spheres!
Let’s Practice!
Shadows
Putting it Together
Putting it Together
Putting it Together
Brainstorm Assignment

☐ fantasy
☐ construction
☐ sensory
☐ challenge

a. ideate as many as you can in each category

b. research + choose one favorite idea from each of 4 categories

c. 4 legible, full page sketches with idea name in your design notebook

d. **redraw** these 4 ideas on printer paper with your name
Weekend Workshop!

plushie making tutorial!

Part 1: Illustrator and Pattern Design

Saturday, February 22, 11am-1pm in 1-390
signup on the website!
Monday!
Monday

Posters & Graphic Design!
Semester workflow

- Three Ideas Presentation
  - March 4
  - 3 ideas per team

- Sketch Model Review
  - March 18-20
  - 2 concepts, 4 models

- Mockup Review
  - April 15
  - 1 concept, 2 models

- Final PLAYsentations
  - May 11
  - 1 final prototype
102 of sketching and shading
Next Week

Refined sketches (2x) team’s top ideas

practice using the drawing tools and techniques
develop toy concept

Monday

Posters presentation!

your team’s top 3 ideas

Wednesday
Lab this Week

Bring top 3 new ideas to lab

Audio Chromatic

- Swipe over colors to create music
- Change Pitch, Loudness, Echo
- Swipe Fast or Slow for different effects
Lab this Week

Bring top 3 new ideas to lab

3 sketches in your notebook, 3 refined sketches on 8.5 x 11” paper

Reminder:
Your team’s final toy will come from one of the ideas generated so far.

Research from toy category
Lab this Week

bring top 3 new ideas to lab
separate sheets & in your notebook

Reminder:
Your team’s final toy will come from one of the ideas generated so far.

research from toy category
Selecting 3 Ideas in Lab

Possible criteria

- Play value
- Play testability
- Safety
- PDL resources
- Budget ($700)

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<thead>
<tr>
<th>Criteria</th>
<th>Idea 1</th>
<th>Idea 2</th>
<th>Idea 3</th>
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<td>Spin time</td>
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<td>Cost</td>
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<td>Ergonomics</td>
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<td>Coolness</td>
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