102 of sketching and shading
Children's Museum Visit
Warm up time!
lines, circles, and ellipses
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Cube on a Cube
Circles on Cubes
Circles on Cubes
Circles on Cubes
Circles on Cubes
Circles on Cubes
Circles on Cubes
Circles on Cubes

minor axis
Circles on Cubes
Circles on Cubes

minor axis
Circles on Cubes

minor axis
Circles on Cubes

minor axis
Circles on Cubes
Putting it Together
Putting it Together
How to Marker

- keep a wet edge
- keep the marker moving
- overlap strokes
- constant speed
- alternative techniques
Shading and Lighting

choose a light direction

1-2-3 Method

start with lightest

20, 40, 60
Shading and Lighting
Shading and Lighting
Let's Practice
Shadows
Shadows
Putting it Together
Putting it Together
Putting it Together
Idea Milestone

bring top 3 new ideas to lab
separate sheets, in your notebook, and as refined sketches

graded on idea quality
and sketching effort

Reminder:
One of your team’s ideas will be the
starting point for the final toy!
Selecting 3 Ideas in Lab

This lab is the most important lab

Pugh Charts

Play Testing

Working in PDL

Physical Size

Budget ($700)
Questions?!