Play Testing!
Play Testing
With Sketch Models!
Play Testing Logistics at Boston Children's Museum!

This **Sunday**!
Extra PDL hours Friday 12-5pm, models for playtesting due 5pm!

**When?**

10:45am-12pm if your team meets on Thurs Morning / Fri Morning

11:45am-1pm if your team meets on Wed Evening / Thurs Evening

Be **ON TIME**

Account for transport AND walking time

**Courtesy Sketch Model Transport Van™!**
Sketch Model Review

Three ideas presentation
March 7
3 ideas per team

Sketch model review
March 21-23
2 concepts, 4 models

Mockup Review
April 18
1 concept, 2 models

Final PLAYsentations
May 15
1 final prototype
Dimensions of prototyping

plays like
what is the play?
how is it implemented?

looks like
what is the form?
how does it feel?

predicts like
what are the physical principles?
sketch

modeling

techniques
Blue foam and foamcore

**Today:**
- Group A — PDL
- Group B — Here

**Wednesday:**
- Group A — Here
- Group B — PDL
But first!
Still first!

Sewing Hours in PDL:
Tomorrow (Tues)
1pm-3pm + 7pm-10pm
More first!

From a time long ago…

Three aspects to consider for good graphics design

semantics syntax usability
More first!

From a time long ago…

**semantics** (the right message)

**syntax** (visual coherency)

**usability** (readability in context)

<table>
<thead>
<tr>
<th>Name</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiffany C.</td>
<td>Semantics, Syntax, lol I forget</td>
</tr>
<tr>
<td>Jesse G.-A.</td>
<td>Semantics, Syntax, Cohesion</td>
</tr>
<tr>
<td>Christian M.-H.</td>
<td>Clarity, Syntax, Usability</td>
</tr>
<tr>
<td>Brad C.-C.</td>
<td>Semantics, Syntax, Readability</td>
</tr>
<tr>
<td>Jonah S.</td>
<td>Semantics, Syntax, Clarity</td>
</tr>
<tr>
<td>Sarah L.</td>
<td>Semantics, Syntax, Clarity</td>
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</tbody>
</table>
Back to this week!

**Today:**
- Group A — PDL
- Group B — Here

**Wednesday:**
- Group A — Here
- Group B — PDL

**Group A:**
- Camel, Crocodile,
- Goose, Hedgehog,
- Hippo, Koala,
- Llama, Lobster

**Group B:**
- Meerkat, Moose,
- Narwhal,
- Ostrich, Panda,
- Squid, T-Rex,
- Tiger
Foamcore!
Foamcore!

used by architects and designers for model making
Foamcore!

Holiday Inn lobby prototype

800 sheets of foamcore! (Continuum)
Demo Time!

one sheet of foamcore
cutter: utility knife (Olfa) or Exacto
extra blades in PDL
snap off, dispose in blade box
cutting surface: cutting mat or scraps
don’t cut directly on tables or floor in PDL
guide: metal ruler
adhesive: hot melt glue gun
Do Time!

It's your turn! Spread out to unused seats

cut off 2” strip from short end
mark a line with two points
connect with ruler
1-3 cuts with Olfa
how does the cut edge look?
cut another 2” strip
cut each strip in half
But wait there's more!

**long straight cuts**

> 12”

sheet cutter (the “Fletcher”)

in PDL, across the hall

lab grownup can show you how to use!

straight cuts only

if blade is dull, ask staff for blade change
Foamcorners
**Do Time!**

**Crushed corners (slight radius)**

- fast to make, looks OK, strong
- score down center
- crush
- fill with glue
- hold until set

![Diagram of crushed corner](image)
Overlap (butt) joint
slower to make, looks good, strong

cut one of your pieces in half
about 3/16” from one edge, cut away everything but bottom layer of paper

apply glue
join

Do Time!
Do Time!

Gusset

- slow to make, strong—structures that bear load, right triangle and butt joint
- cut 2” corner off of one piece
- glue in corner
- hold until set
Do Time!

Curved pieces
  slow to make, but really cool!

score all along wall

bend

glue to close
Demo Time!

Adhesives
  this is sticky business!

hot melt (glue gun)

**glue sticks**
spray mount
super glue
epoxy
tapes
and more!
Challenge!

Build a better blade box!

one sheet of foamcore plus any extra you still have shouldn’t tip over
big enough to deposit and store a fair number of blades

sketch out design first
pick favorite next week, featured in PDL!
Challenge!

Build a better blade box!

One sheet of foamcore plus any extra you still have shouldn’t tip over big enough to deposit and store a fair number of blades sketch out design first featured in PDL!
Wrap Up!

before you go…

unplug glue guns so they can cool
stack cutting mats, large pieces of foamcore up at front
drop off rulers, extra glue sticks
throw away plates, small pieces of foamcore
**put your name** on bottom of blade box
leave on front table
   OR turn into CADLab (3-452) by Friday 4pm