Part 2 of 2

sketch

modeling

techniques

Part 2 of 2
Sunday Play Testing
With Sketch Models!

arrive at:
10:45am or 11:45am
PLAY TESTING
With Sketch Models!

10:45am or 11:45 AM

Play Testing with Sketch Models!
Play Testing
With Sketch Models!

arrive at:
10:45am or 11:45am

water and setup-intensive teams:
10:30am or 11:30am

at least 2 students per team should attend (facilitator, observer)

Courtesy Sketch Model Transport Van™
Special 2.00b Entrance
Tips & Tricks at the BCM

invite kids over to play!

explain your toy in 10 words or fewer

be flexible! Kids might discover new ways to play

observe keenly and be open to change

Remember...

never assume a kid has a mom or dad. Ask for their ‘grown-up’ if you don’t immediately see them

be supportive and positive!

don’t be offended if kids wander away :)

Tips & Tricks at the BCM

invite kids over to play!
explain your toy in 10 words or fewer
be flexible! Kids might discover new ways to play
observe keenly and be open to change
Remember...
never assume a kid has a mom or dad
Ask for the ‘grown up’ if you don’t immediately see them
be supportive and positive!
don’t be offended if kids wander away :)

Tips & Tricks at the BCM
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Safety
Safety!
Have fun :)

Observe your surroundings
Blue foaming and foamcoring

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

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

Today:
Group A — Here
Group B — PDL
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!

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

rounded corner

exposed corner

clean corner
Do Time!

Crushed corners (slight radius)
fast to make, looks OK, strong
score down center
crush
fill with glue
hold until set

Folded Round Corner
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!

**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