

critical cyborg

ISSUE DATE _10/24/18 1.30pm
DUE DATE _10/24/18 4.20pm

AKHIL'S STUDIO

A1) Yael Canaan, Cody Chen, James Choi,
Nick Coppola.

A2) Zach Fan, Margeaux Gould, June Lee.

A3) Andy Qiu, Natalie Waldram, Claire Xu.

TALIA'S STUDIO

B1) Sean Chen, Madeline Cotton, Jason
Garwood, Amal Jafrani.

B2) Sharon Kang, Lydia Randall, Evelyn Shi,
Jenny Wang.

B3) Nicholas Wong, Larry Yang, Tony Yang.

LEO'S STUDIO (in shop 1.30-2.05)

C1) Thomas Chen, Giulia Giampapa, Vivian
Jia, Rachel Kim,

C2) Taeyun Lim, Carson Michaelis, Ankitha
Vasudev.

C3) Lesley Yang, Jerry Yang, Xiaojie Zou.

SARAH'S STUDIO (in shop 2.10-2.45)

D1) Aadya Bhartia, Angela Castellano, Emily
Chan.

D2) Susie Kim, Lake Lewis, Katia Peppas.

D3) Amyas Ryan, Olivia Wu, Robert Yang.

MANUEL'S STUDIO (in shop 2.50-3.30)

E1) Bradley Castiglia, Max Chen, Seyoung
Choo.

E2) Anjali Kanodia, Mari Kubota, Jackson
Lacey.

E3) Melinda Looney, Meghan Pisarcik,
Franklin Zhu.

DELIVERABLES

Upload photographs and diagrams
to RTB of 2 of your structures
incorporating 200-250 pieces.
Diagram operative structural principals.
Submit by 11.59pm 10/24.



image Lupen Grainne, canvas

You are going to use the collected sticks of your group to work through several design and construction challenges over the afternoon. Each person should have 64# 2'x1/4"x1/4" softwood sticks. Short broken sticks cannot be used in this exercise, (put them to one side, do not loose them, you will need them later). You will be using the weight, friction and stiffness of the sticks to form structures. No glue, ties or joint restraints should be incorporated in these exercises. Each exercise will have an objective, build time, first attempt+discussion, second attempt+discussion. **You should record the successes and failures in sketch and photo.**

EXERCISE 1 HOW TALL WILL THEY GO?

1.35-2.05 First attempt (20mins).

2.10-2.15 Small studio discussion, comparison of ideas for next try.

2.15-2.40 Second attempt (25mins).

2.45-2.50 Small studio discussion, photograph them all.

EXERCISE 2 HOW WIDE CAN THEY CANTILEVER?

2.50-3.10 First attempt (20mins).

3.10-3.20 Small studio discussion, comparison of ideas for next try.

3.20-3.45 Second attempt (25mins).

3.50-4.20 Whole year discussion, photograph them all, introduce next assignment, 3.2.