EQUITY IN THE MAKER MOVEMENT

Presented By:

COMMITTEE ON ARCHITECTURE FOR EDUCATION
AN AIA KNOWLEDGE COMMUNITY

SATURDAY, MAY 20, 2017

PANELISTS + BUILD LEADERS:

Suzie Boss (Moderator), Edutopia
Mark Lakeman, Communitecture
Katie Hughes, Girls Build
Sarah Smith, Sawhorse Revolution
Alex Gilliam, Public Workshop
BENCH PIECES

A

2x4

1' 8"

2 PIECES

B

2x4

1' 10"

1' 8"

2 PIECES

C

2x6

1' 4"

1' 4"

2 PIECES

D

2x6

3' 2"

2' 5"

2 PIECES

E

2x4

3'6"

2 PIECES

F

2x6

5' 0"

5 PIECES
STEP 1 - BUILDING THE LEGS

GOAL: BUILD BOTH OF THE LEG/END PIECES

REQUIRED PIECES:

1. A
2. B
3. C
4. D

USE SCRAP TO SUPPORT MATERIAL (SHOWN IN GRAY)

1. THREE SCREWS PER CONNECTION POINT
2. FOUR SCREWS PER CONNECTION POINT

21-1/4”
STEP 2 - CONNECTING THE LEGS

REQUIRED PIECES:

1. THREE SCREWS TOENAILED (ONE ON FRONT, TWO ON BACK)

USE SCRAP TO SUPPORT MATERIAL (SHOWN IN GRAY)

2. THREE SCREWS TOENAILED (ONE ON FRONT, TWO ON BACK)
STEP 2 - CONNECTING THE LEGS

REQUIRED PIECES:

THREE SCREWS TOENAIRED @ EACH END (ONE ON FRONT, TWO ON BACK)
STEP 3 - Completing the Bench

REQUIRED PIECES:

1. TWO SCREWS PER BOARD

2. TWO SCREWS PER BOARD