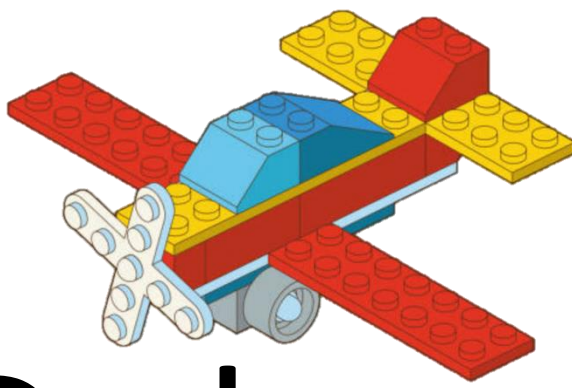




SIEMENS NX



How to CAD almost anything!



MIT IAP '25

Instructor: Andy Eskenazi

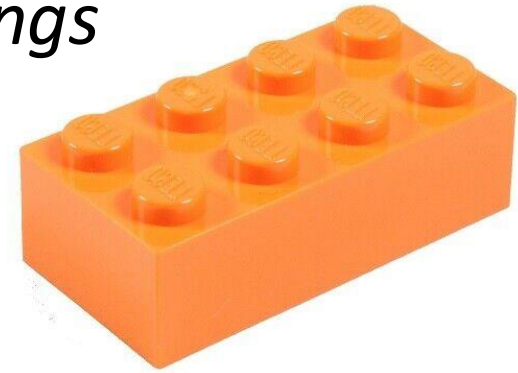


Session 5
AEROASTRO MIT



Agenda

- Questions?
 - Anything remaining from Session 4?
- Session 5:
 - Demo of the session's Siemens NX commands: *assemblies, exploded view, engineering drawings*
 - Demo of projects: LEGO 2x4 brick, 2x4 plate, LEGO airplane assembly, LEGO brick drawing
- Questions?
- Preview of Session 6



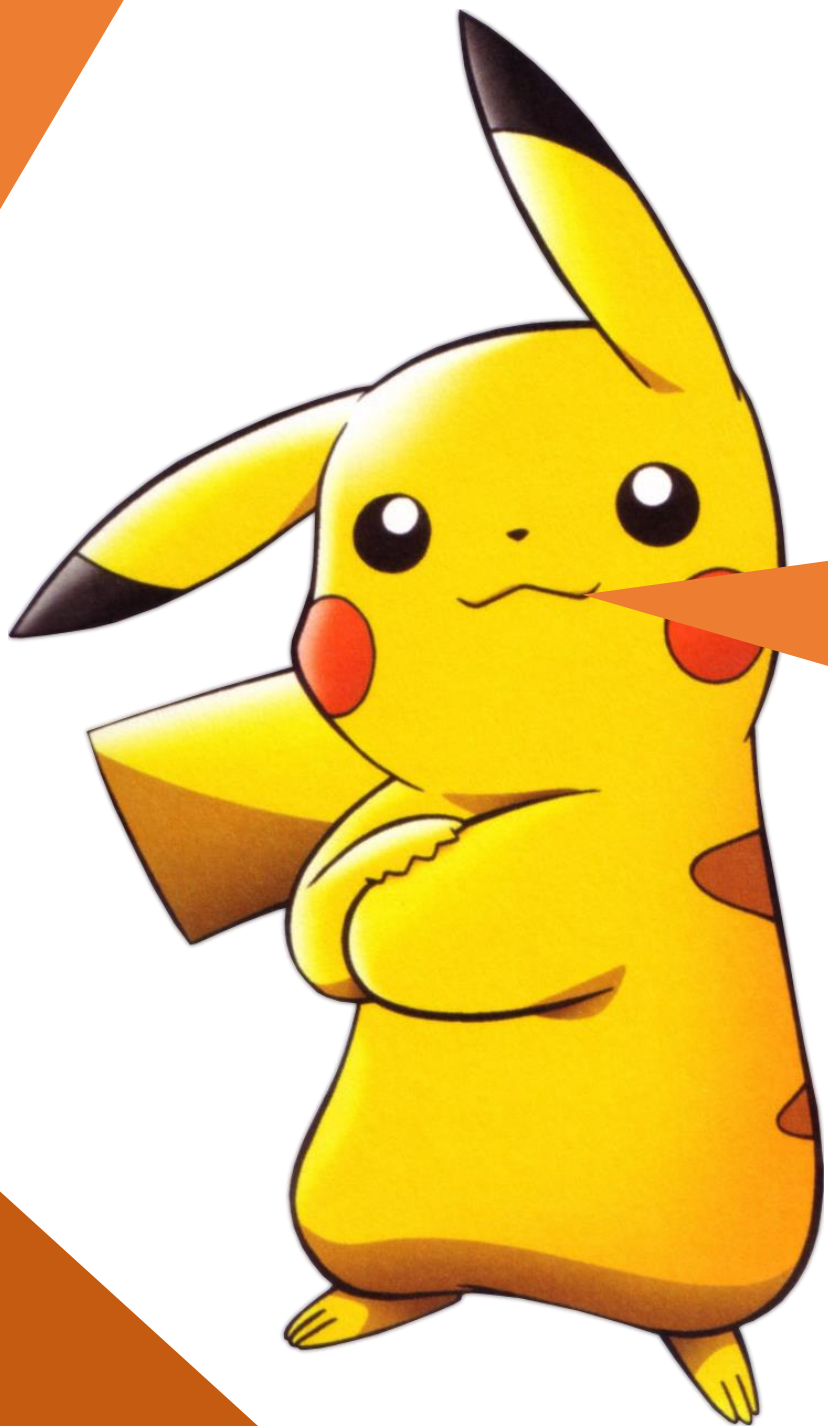
Last Time: Session 4



Paddle Tennis Racket

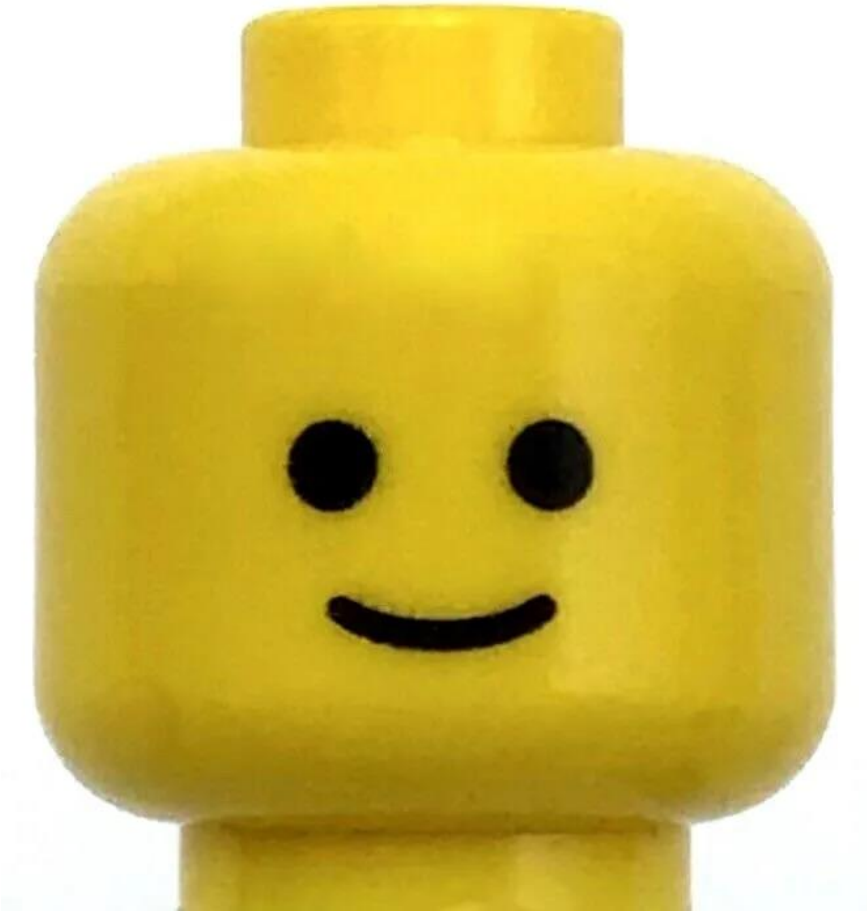


Banana!



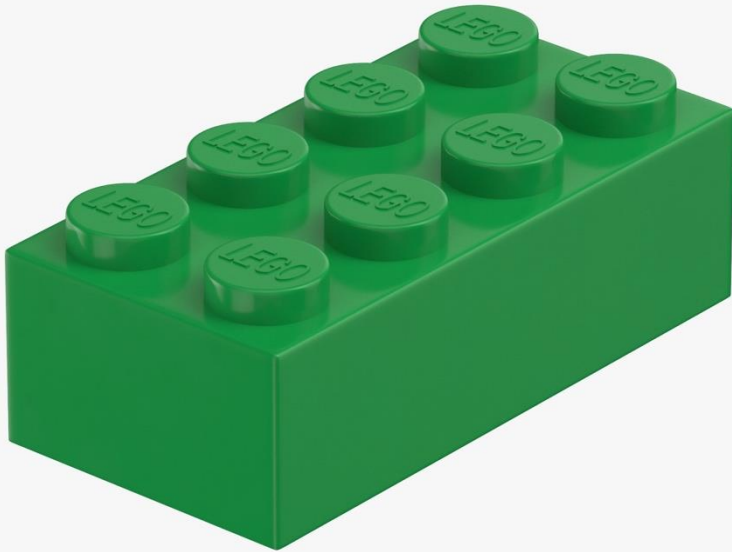
Questions?

Warm-up:



Designing a minifig head and helmet!

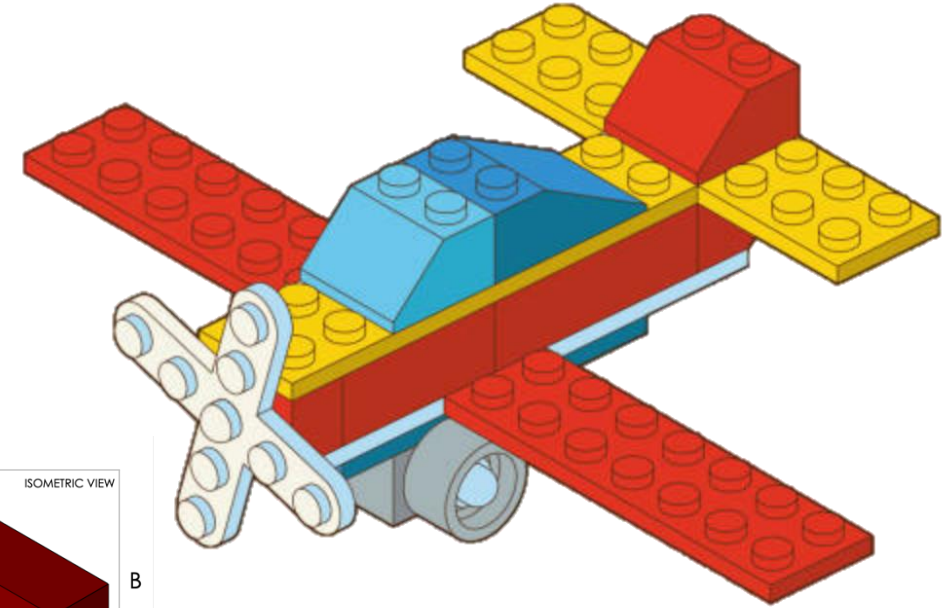
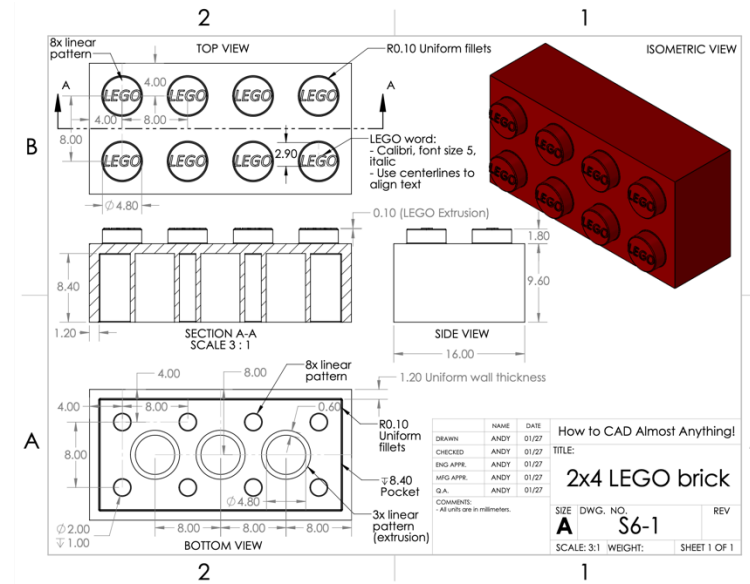
Session 5



LEGO 2x4 brick



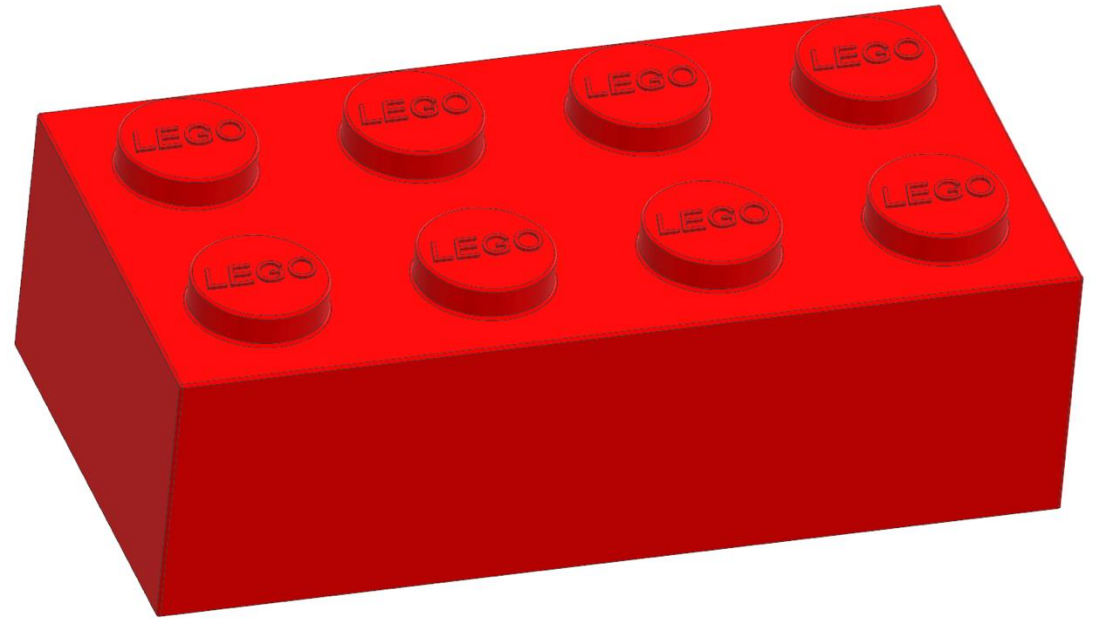
LEGO 2x4 plate



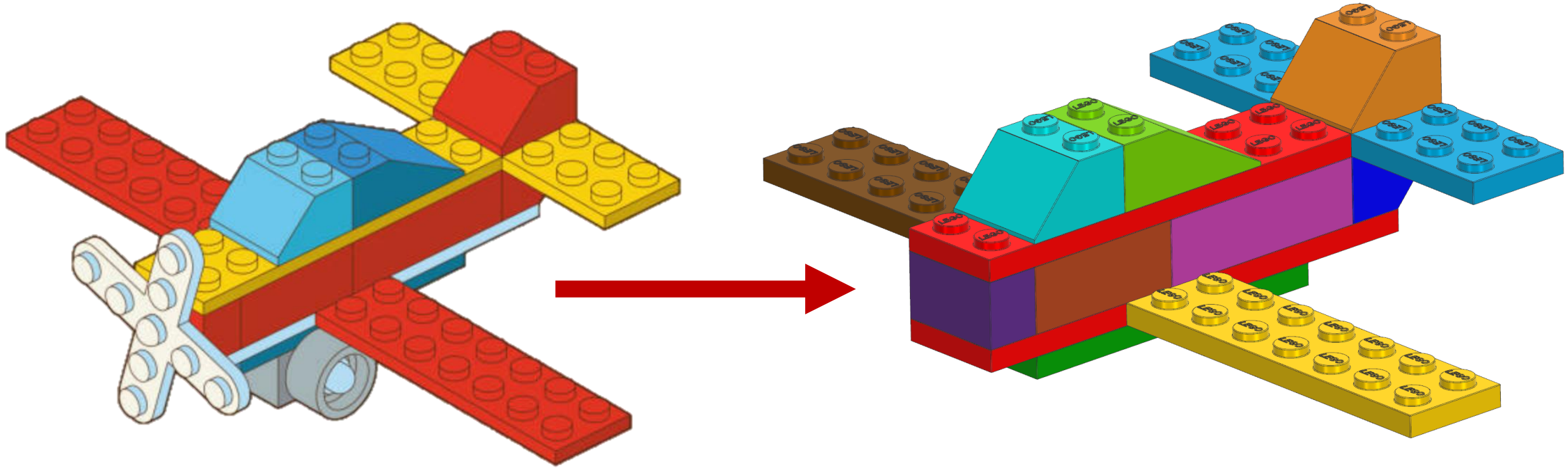
LEGO airplane assembly

LEGO 2x4 brick engineering drawing

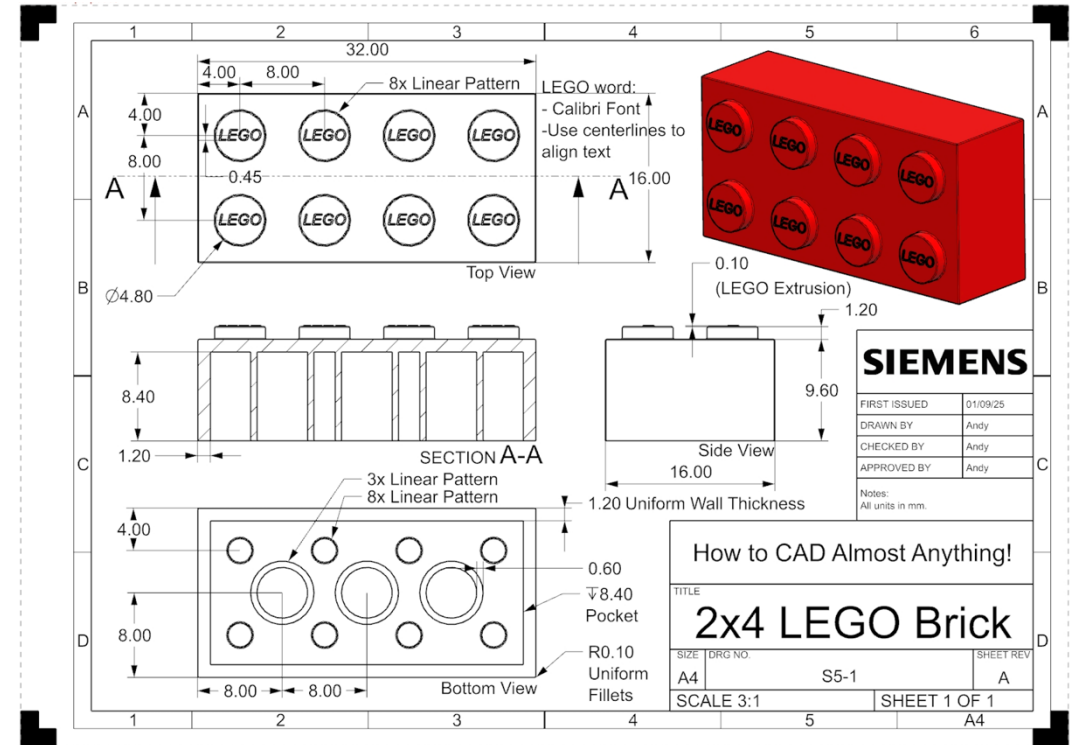
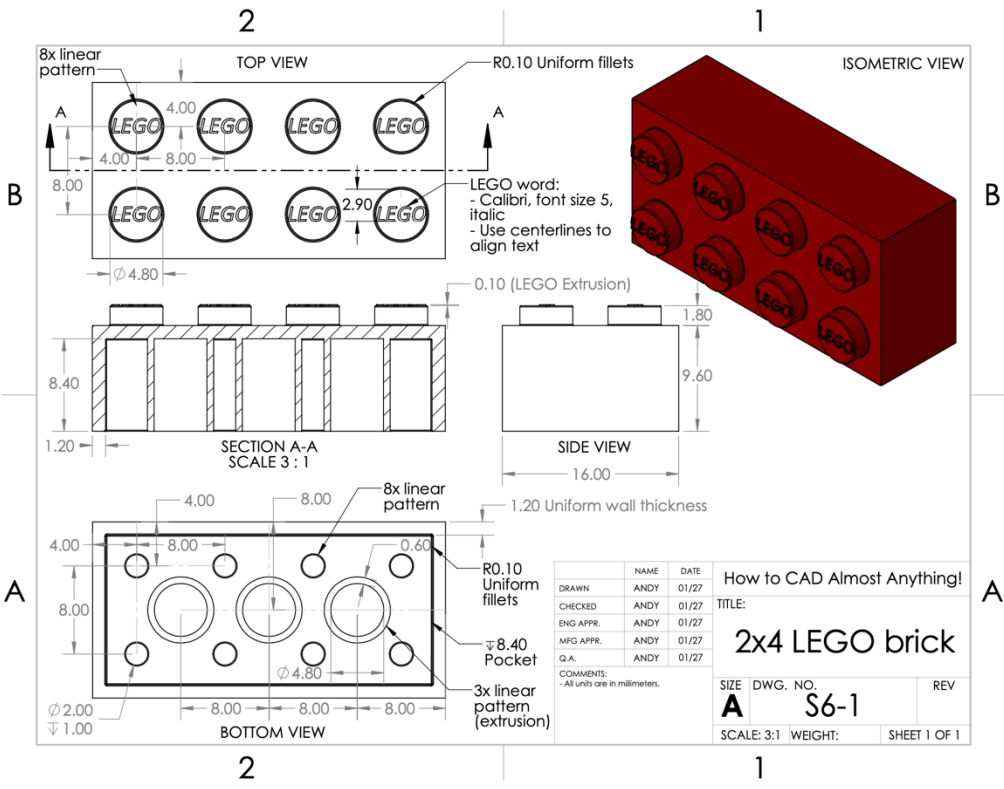
LEGO Bricks



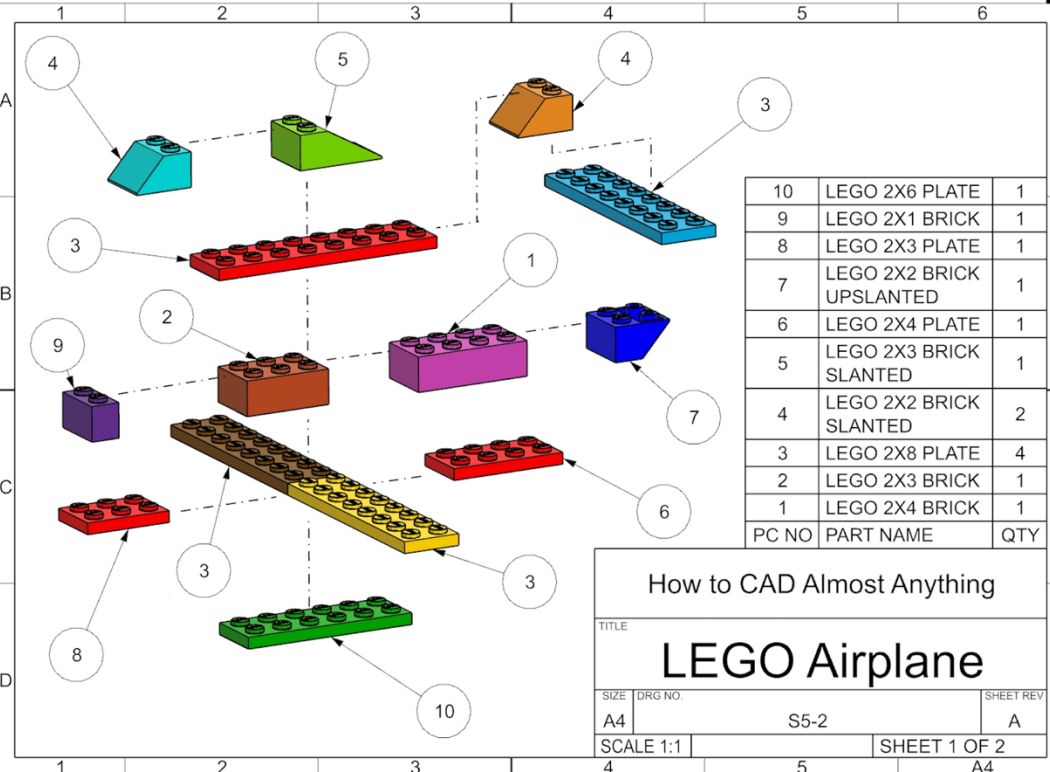
LEGO airplane assembly



LEGO Brick drawing



LEGO Airplane drawings

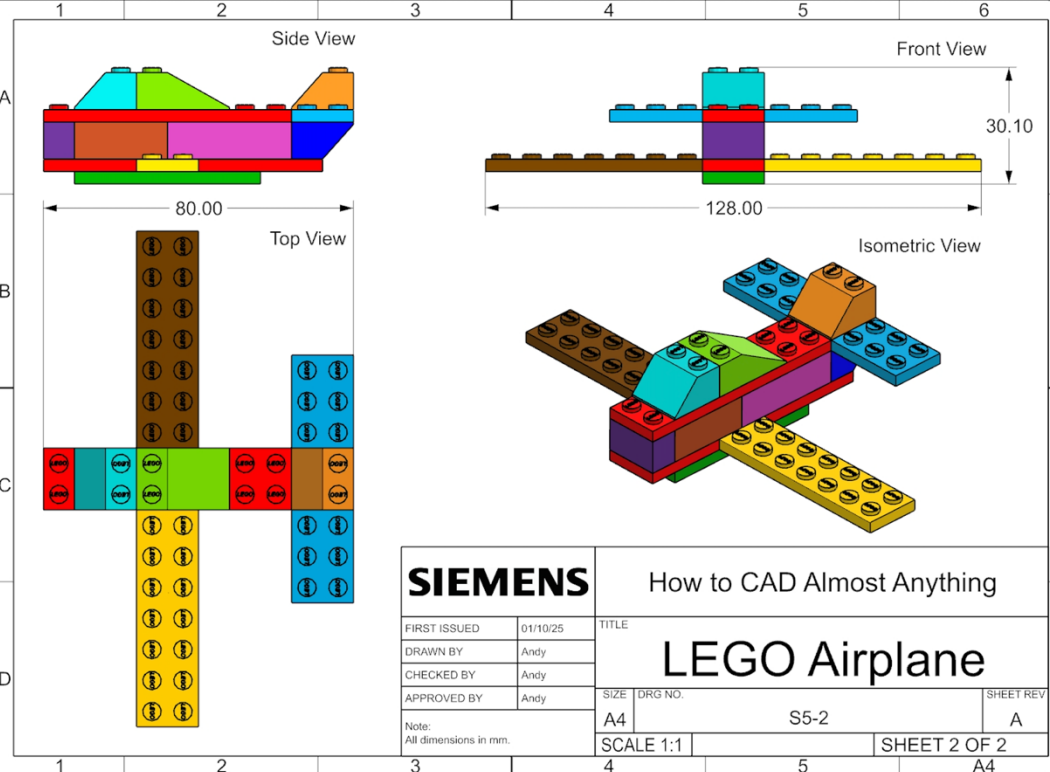


10	LEGO 2X6 PLATE	1
9	LEGO 2X1 BRICK	1
8	LEGO 2X3 PLATE	1
7	LEGO 2X2 BRICK UPSLANTED	1
6	LEGO 2X4 PLATE	1
5	LEGO 2X3 BRICK SLANTED	1
4	LEGO 2X2 BRICK SLANTED	2
3	LEGO 2X8 PLATE	4
2	LEGO 2X3 BRICK	1
1	LEGO 2X4 BRICK	1
PC NO	PART NAME	QTY

How to CAD Almost Anything

TITLE
LEGO Airplane

SIZE	DRG NO.	SHEET REV
A4	S5-2	A
SCALE 1:1		SHEET 1 OF 2



SIEMENS		How to CAD Almost Anything	
FIRST ISSUED	01/10/25	TITLE	
DRAWN BY	Andy	SIZE	
CHECKED BY	Andy	DRG NO.	
APPROVED BY	Andy	SHEET REV	
Note: All dimensions in mm.		A4	S5-2
SCALE 1:1		SHEET 2 OF 2	

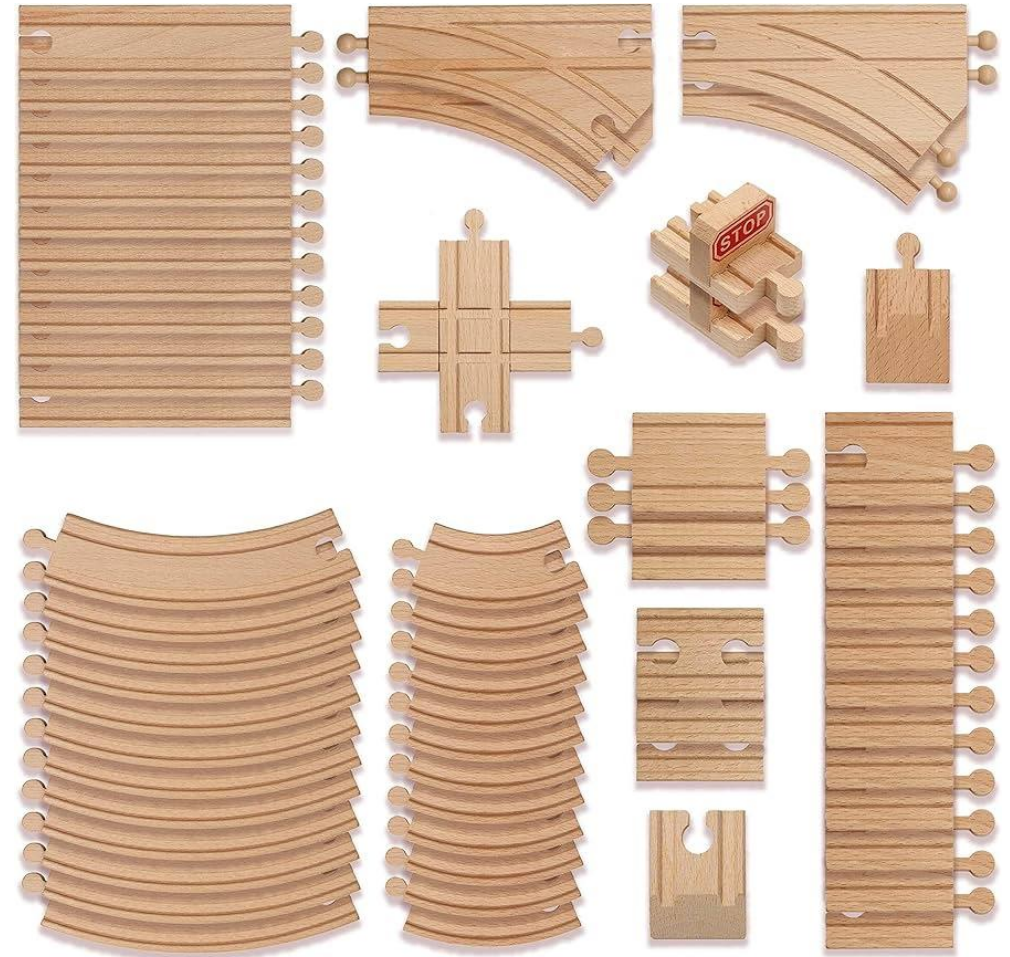


Questions?

Preview into Session 6



Wooden toy train and wagon configurations



Wooden train tracks