



















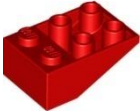










PHIRO – SANTA SLEIGH

SL. NO.	PART NAME	PART NUMBER	IMAGE	QUANTITY
1	TECHNIC BRICK (1X16), Ø4,9	370321		7
2	TECHNIC BRICK (1X6), Ø4,9	389421		7
3	TECHNIC BRICK (1X12), Ø4,9	3895		1
4	PLATE (1X8)	346001		2
5	PLATES (2x4)	302028		2
6	BRICK (1x1)	300521		12

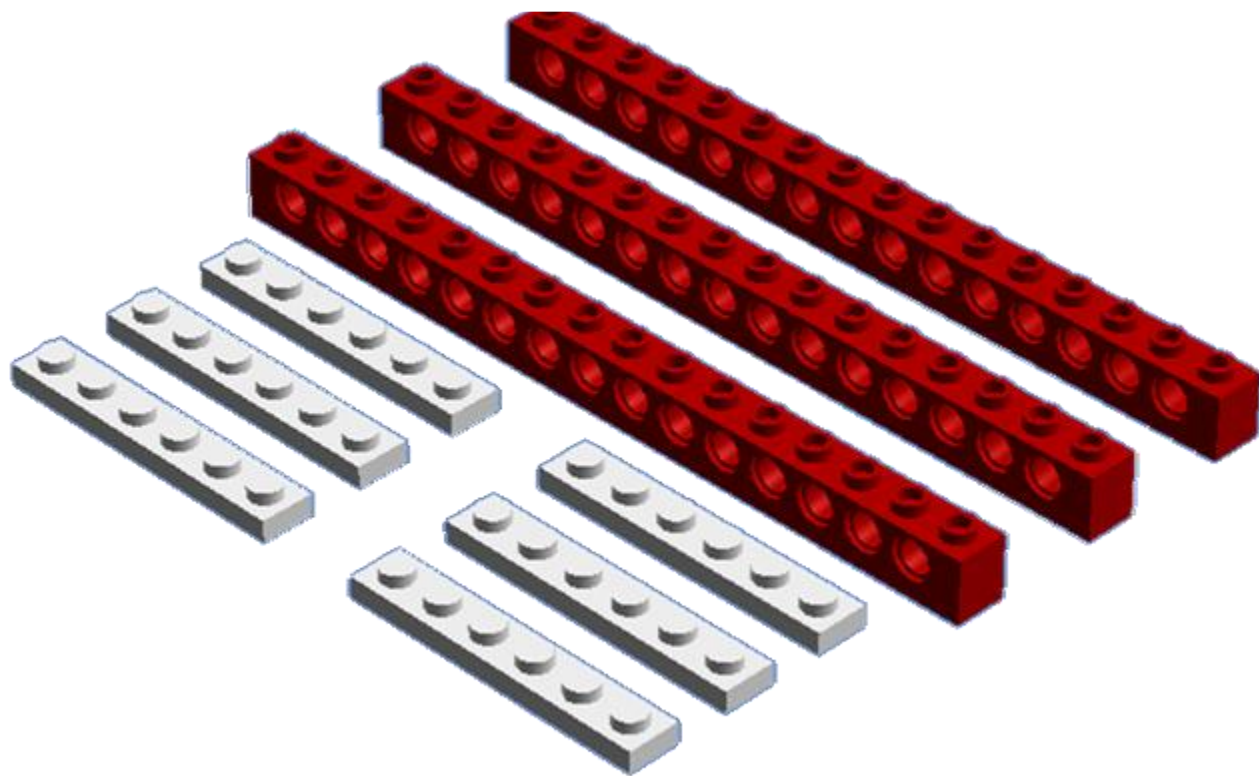
SL. NO.	PART NAME	PART NUMBER	IMAGE	QUANTITY
7	BRICK 2X6	4181138		2
8	Bricks , With Slope(1x2)	366521		4
9	Bricks , With Slope(1x2)	4121934		4
10	Bricks , With Slope(2x3)	329824		4
11	Bricks(1x1)	4569080		4
12	Bricks(1x2)	370021		1

SL. NO.	PART NAME	PART NUMBER	IMAGE	QUANTITY
13	CONNECTOR PEG W, FRICTION	2780		12
14	½ BUSH	32123		5
15	PLATE(1x6)	366601		10
16	BRICKS(2x4)	300121		2
17	BRICKS(2x3)	300221		8
18	BRICKS(1x1)	300521		12

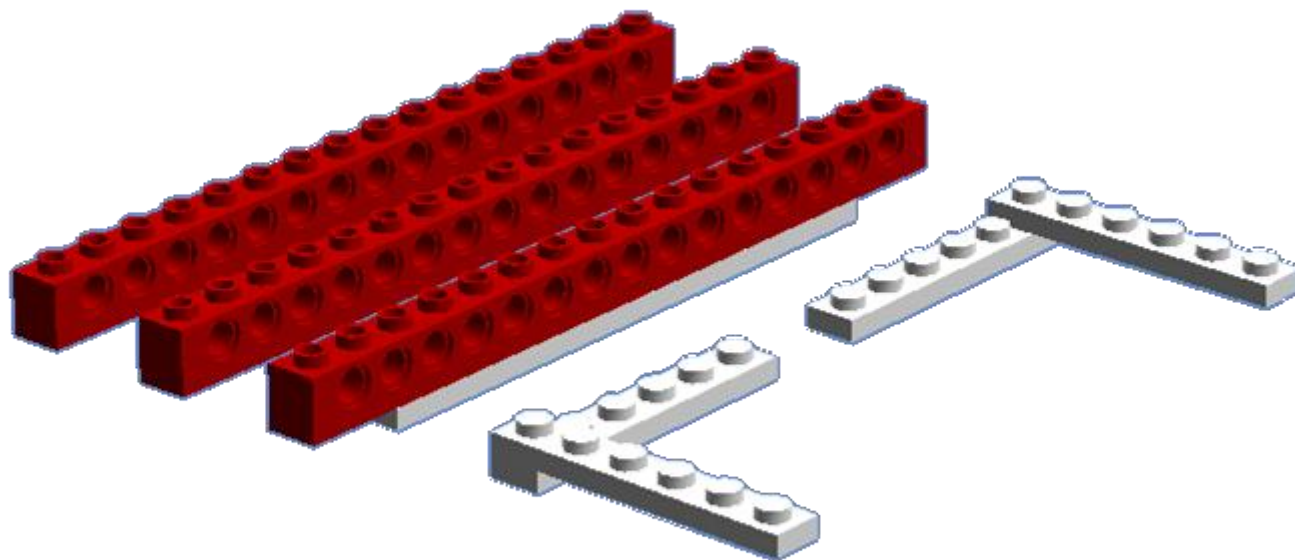
SL. NO.	PART NAME	PART NUMBER	IMAGE	QUANTITY
19	Bricks, With Slope(2x3)	4181138		2
20	Bricks , With Slope	366521		2
21	Bricks , With Slope(1x4)	4121934		2
22	Gear Wheel Z24	4514558		7
23	Crown- And Gear Wheel Z24	4211434		3
24	Bricks 40T	4285634		2

SL. NO.	PART NAME	PART NUMBER	IMAGE	QUANTITY
25	CROSS AXLE 4M - Black	370526		4
26	CROSS AXLE 5M - Medium Stone Grey	4211639		3
27	Connector Peg/Cross Axle	4666579		1
28	Brick Ø16 W. Cross	4527943		2

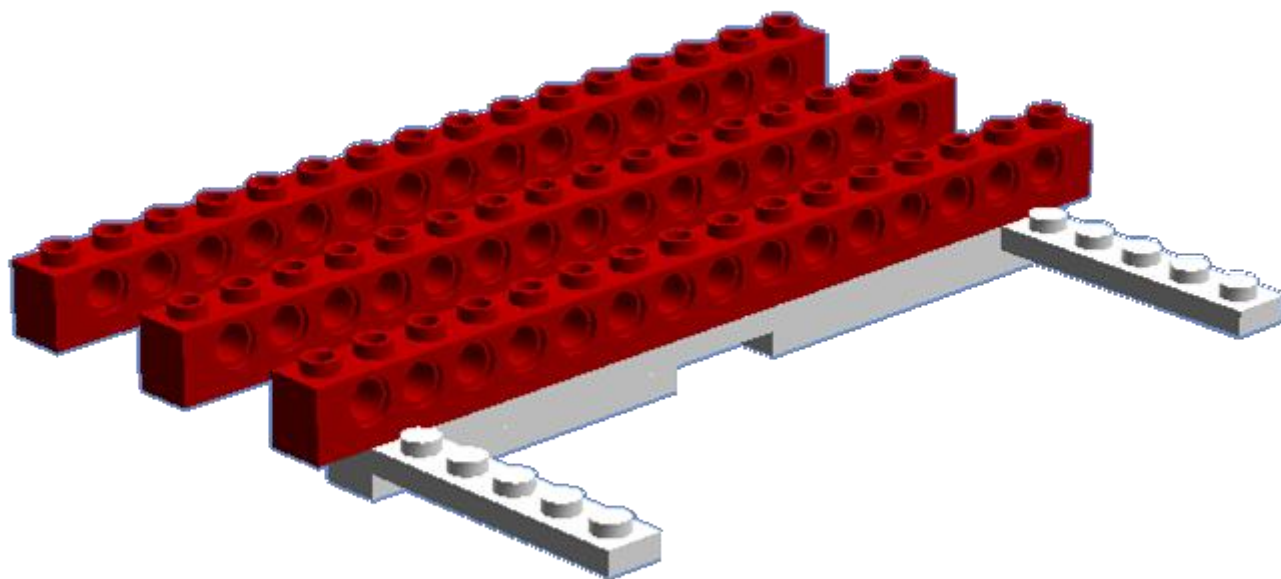
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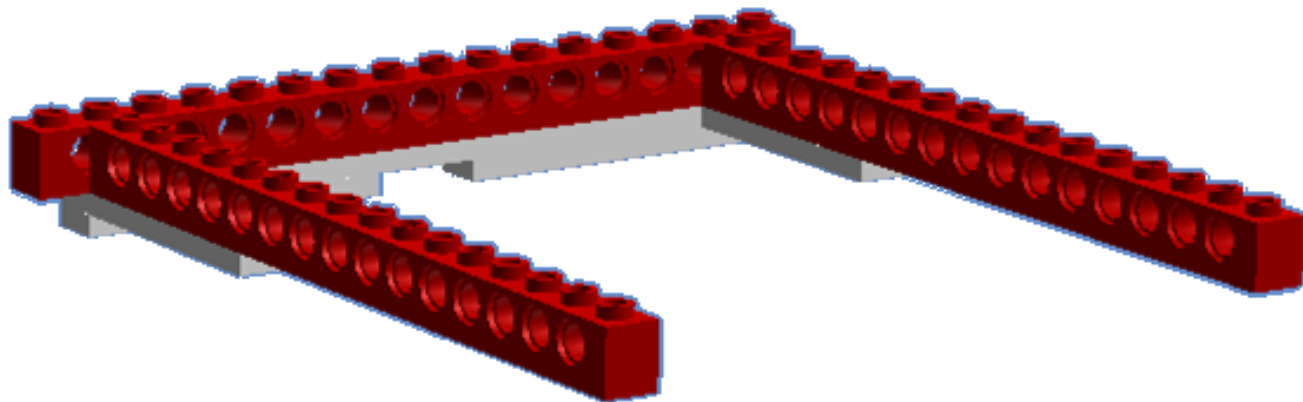
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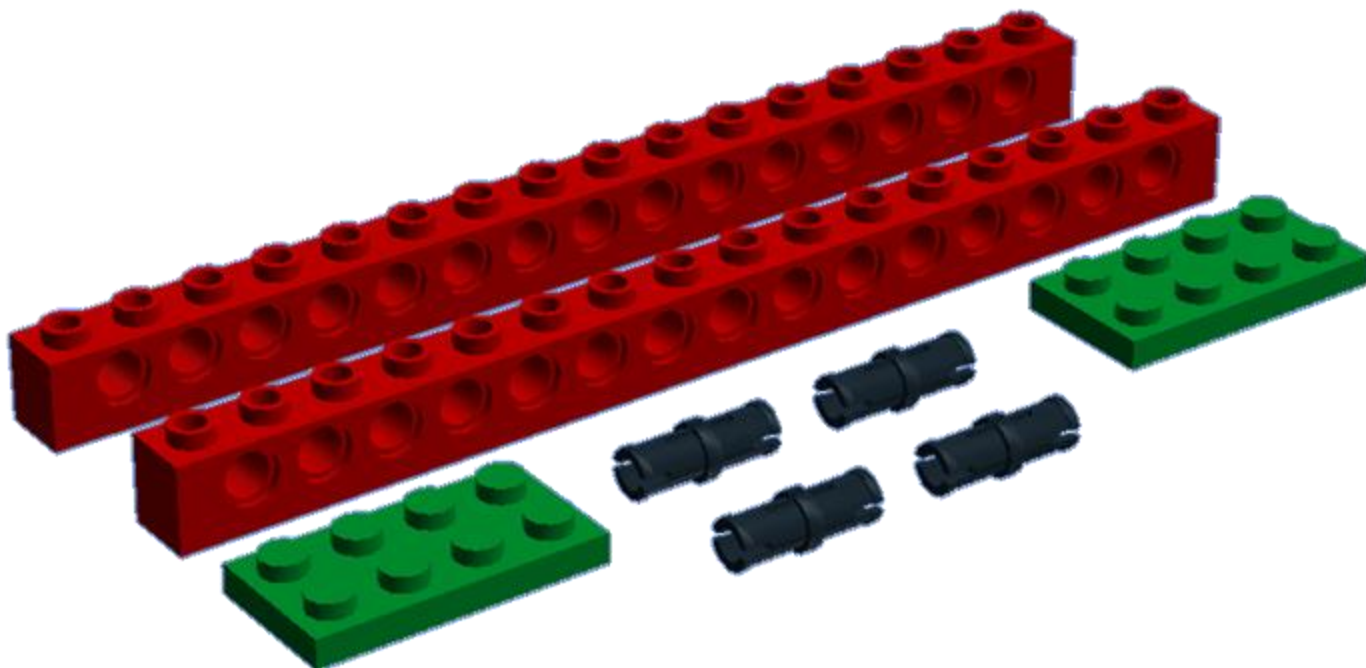
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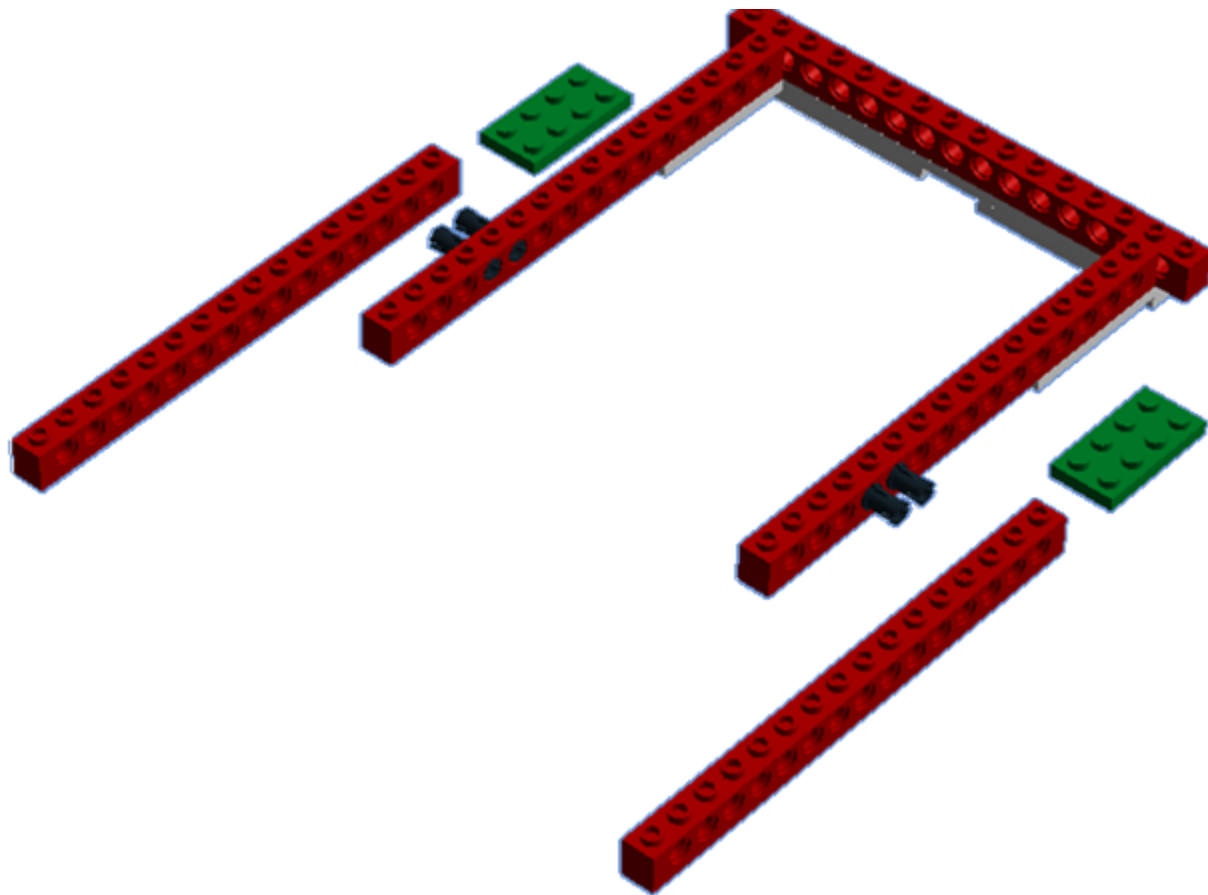
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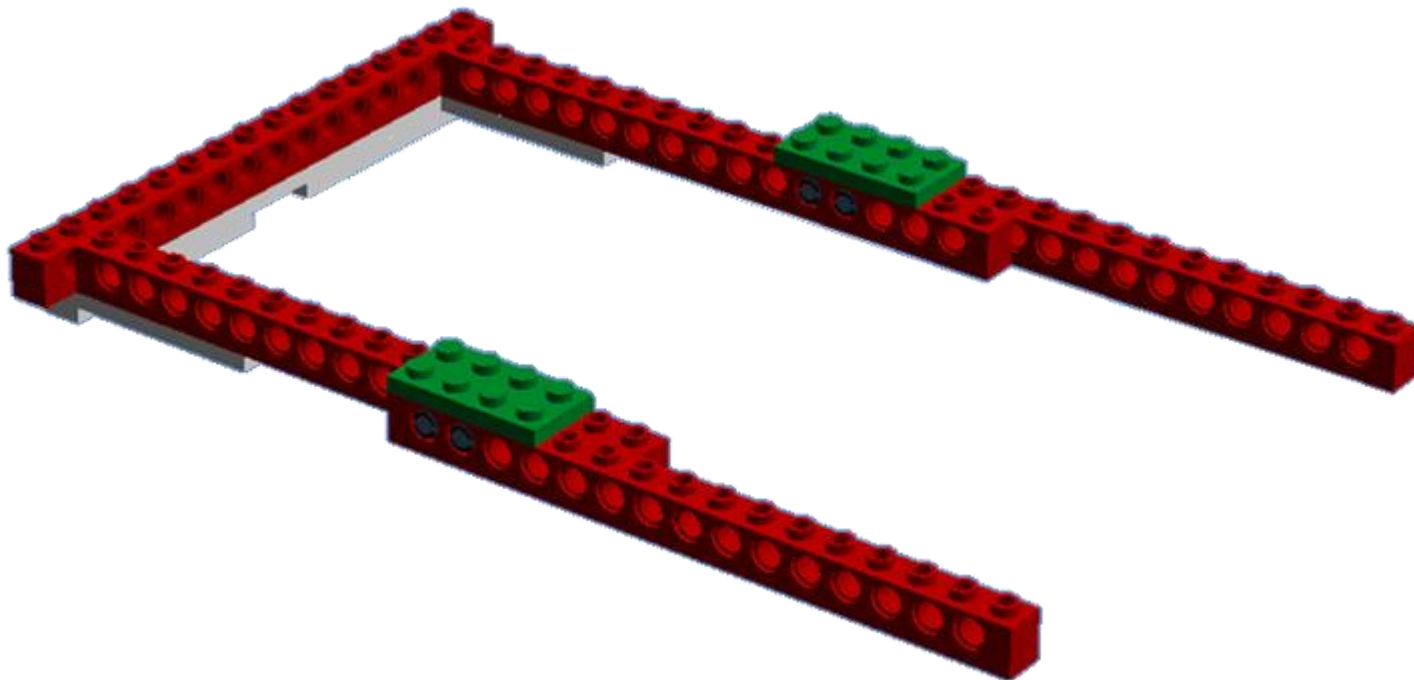
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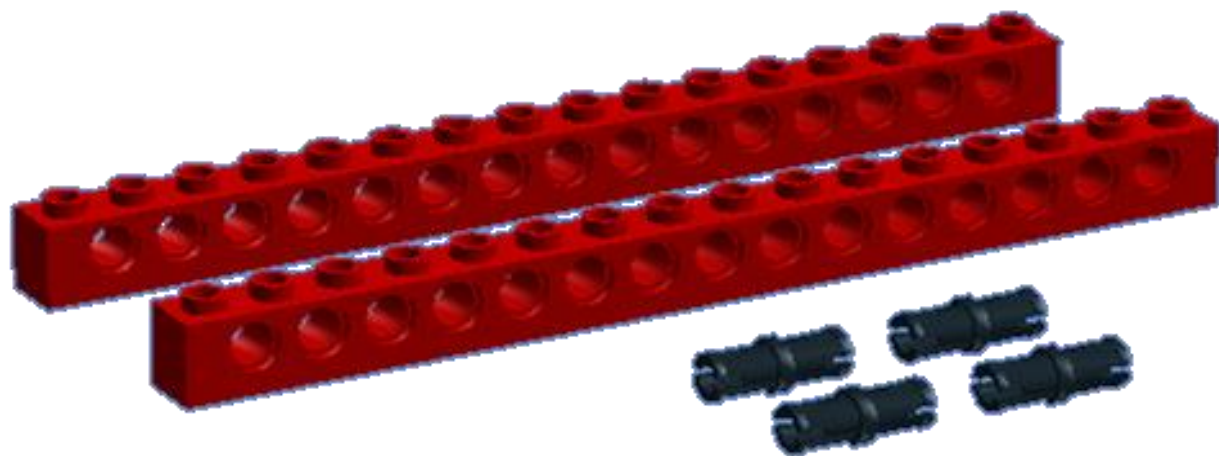
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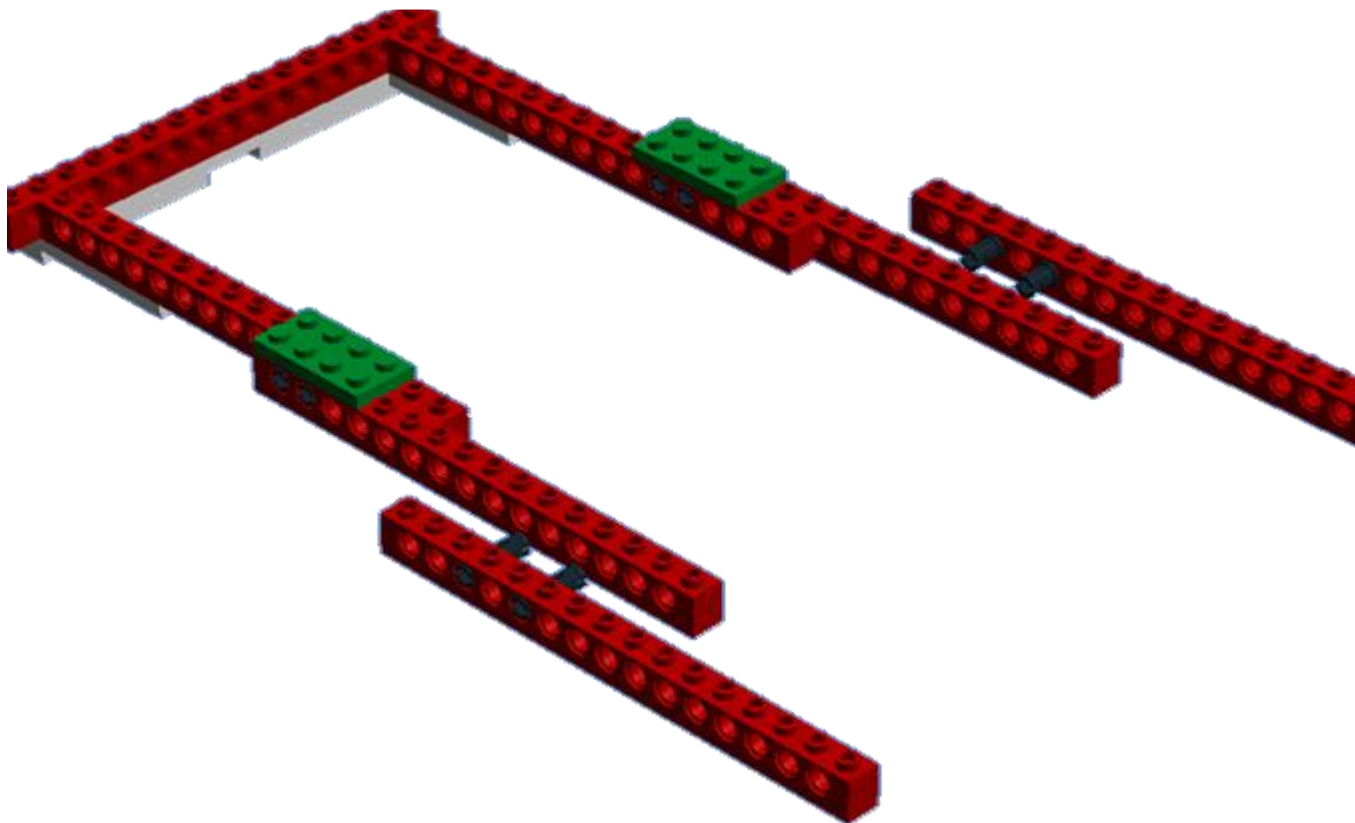
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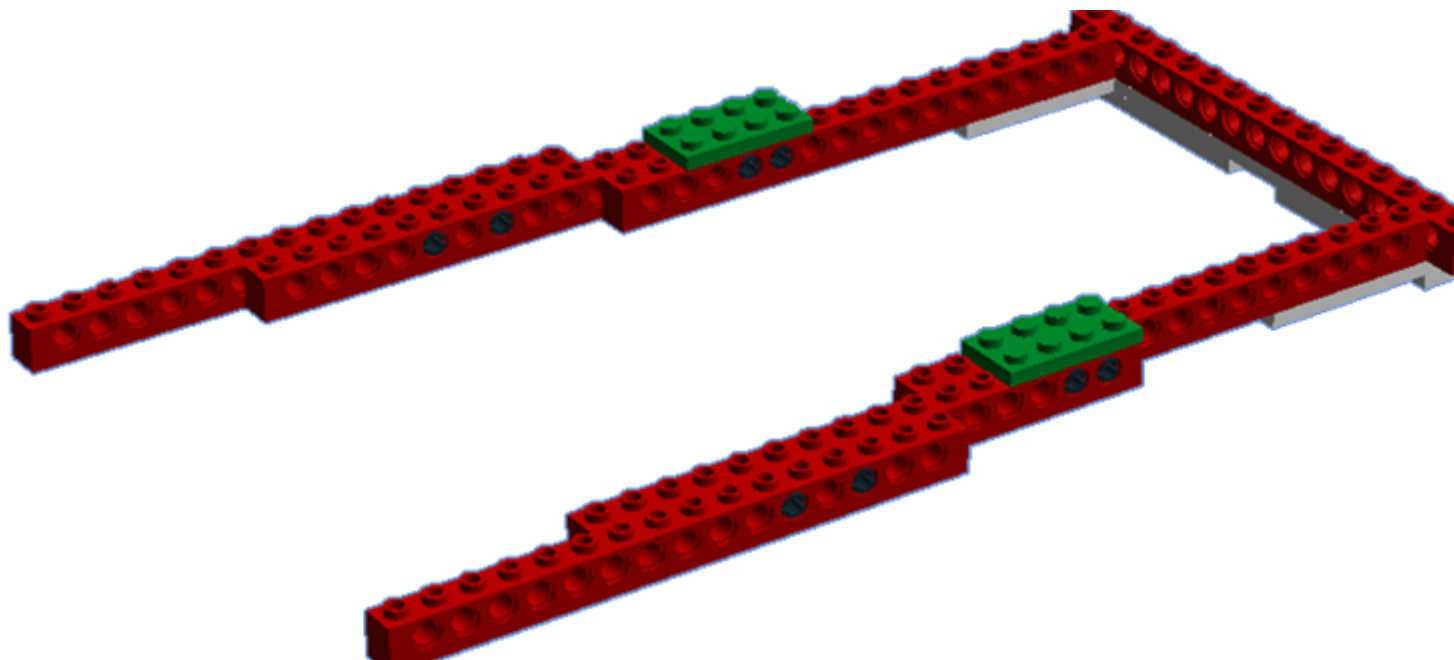
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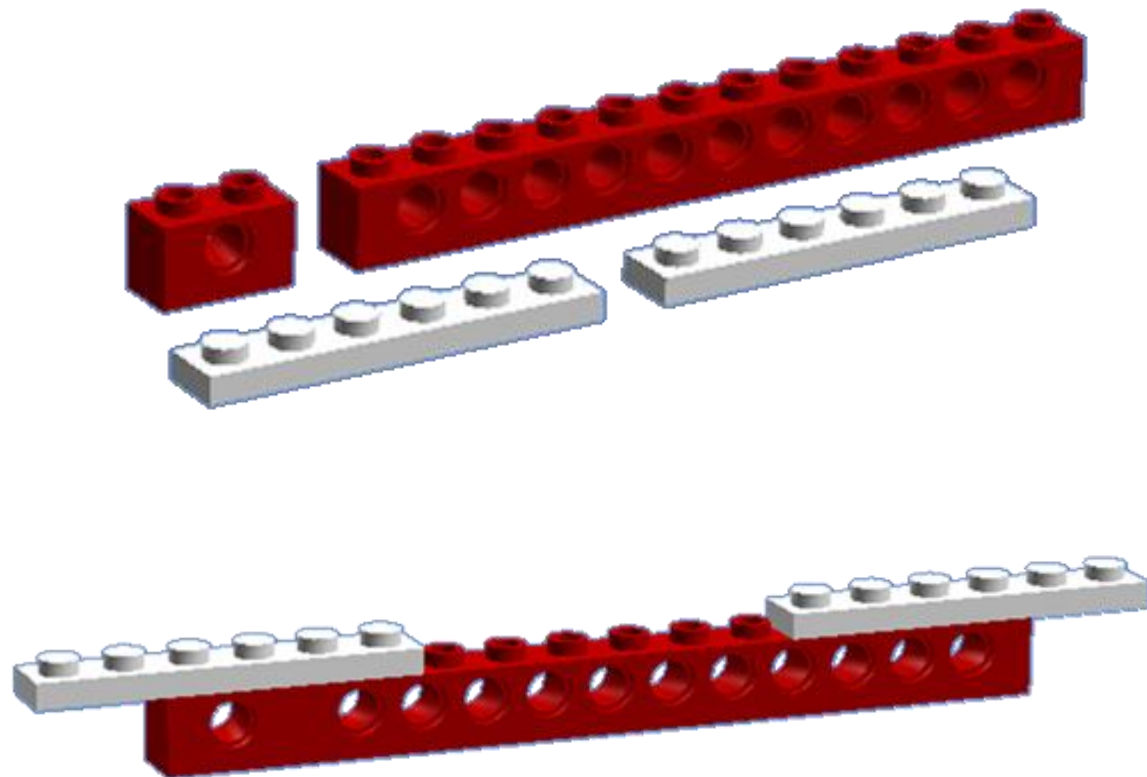
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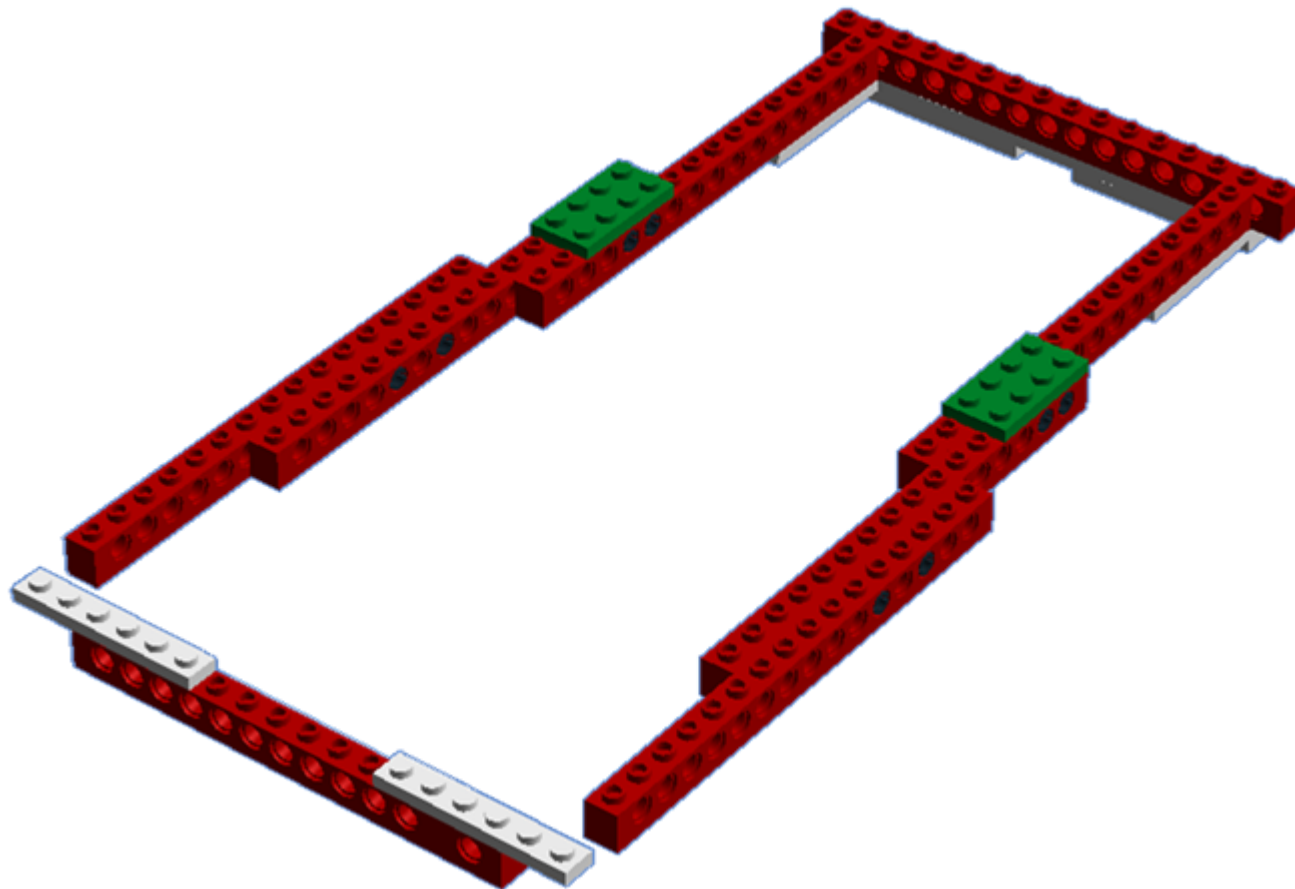
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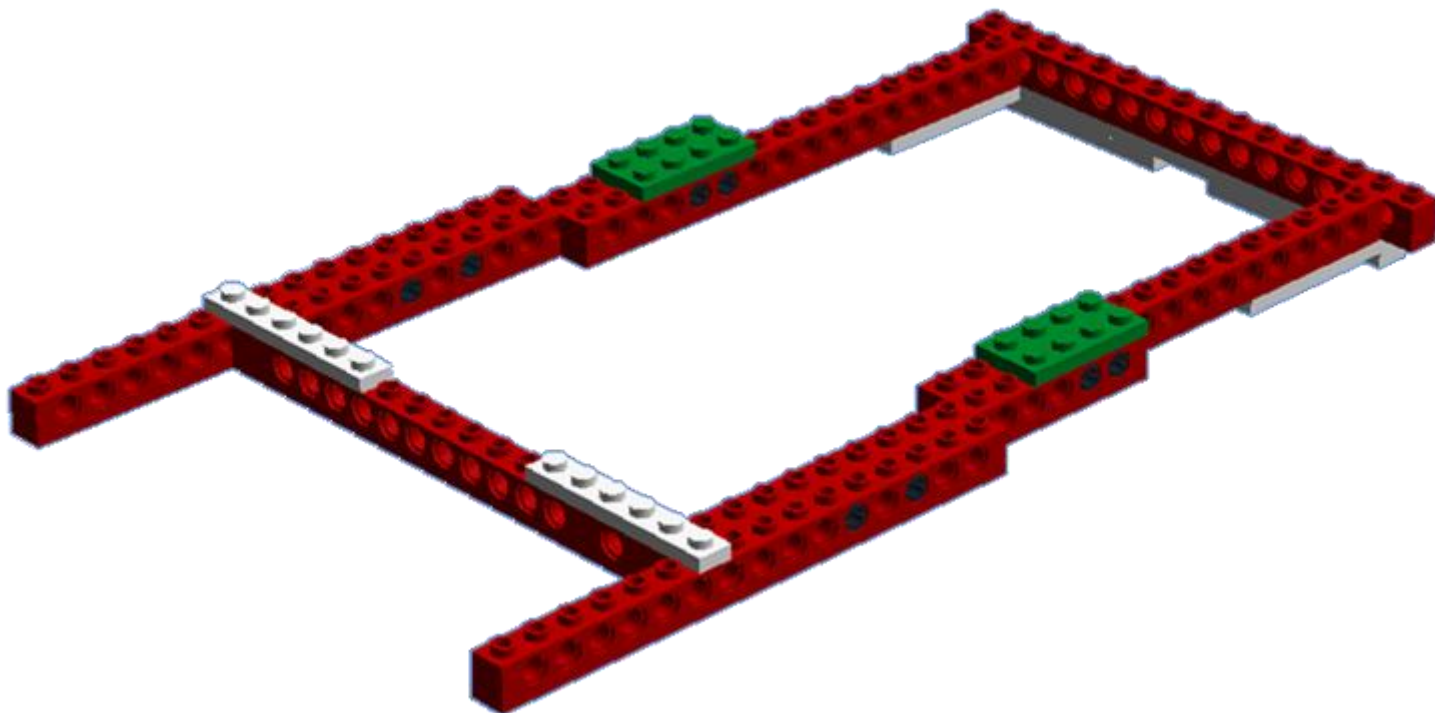
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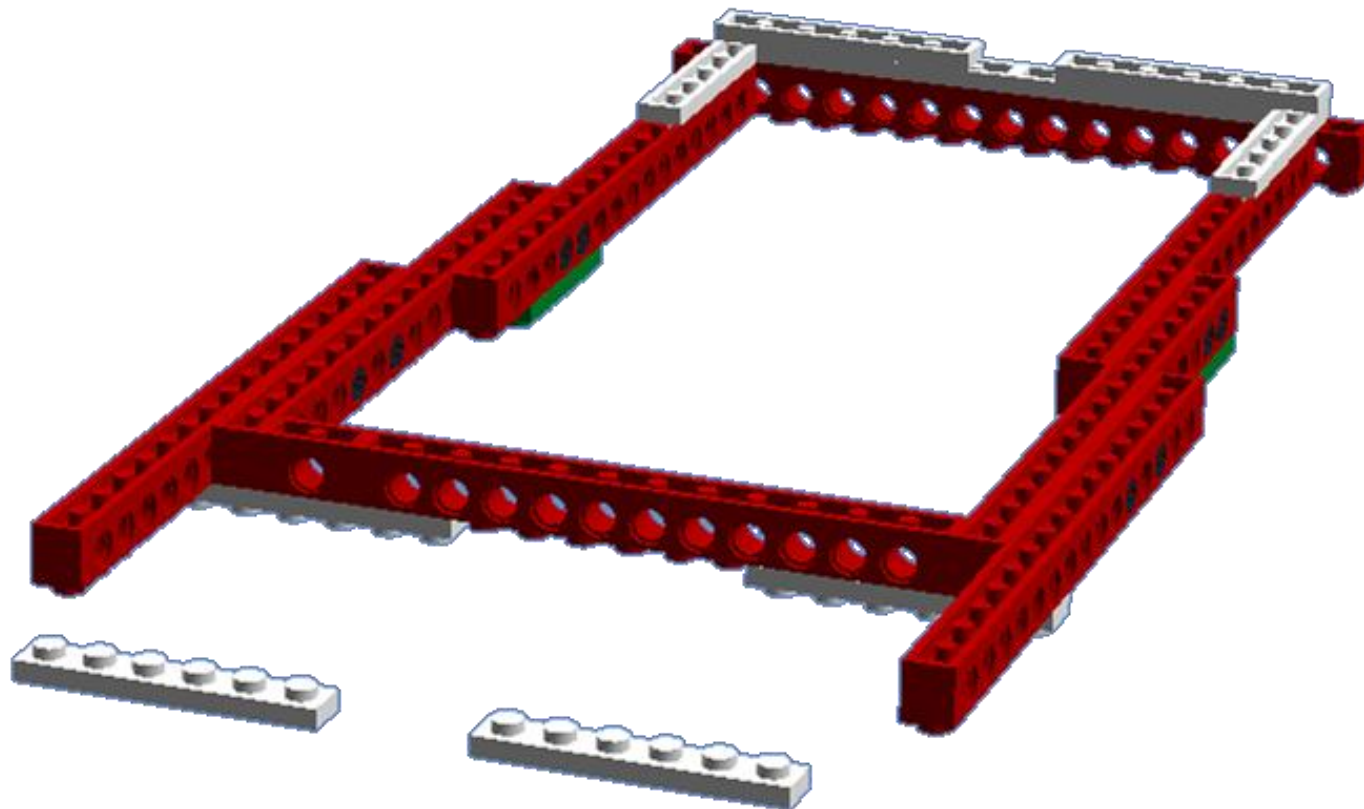
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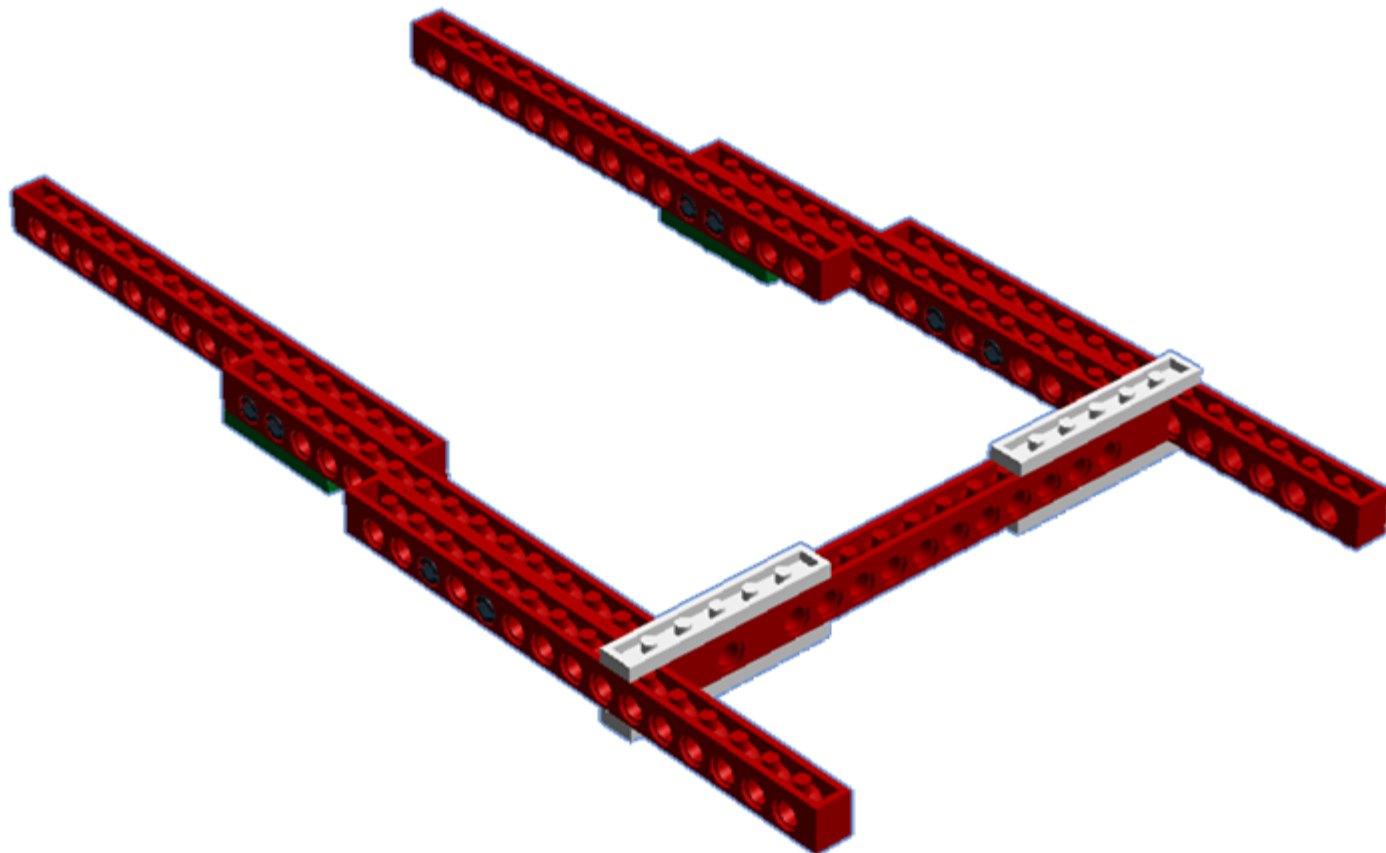
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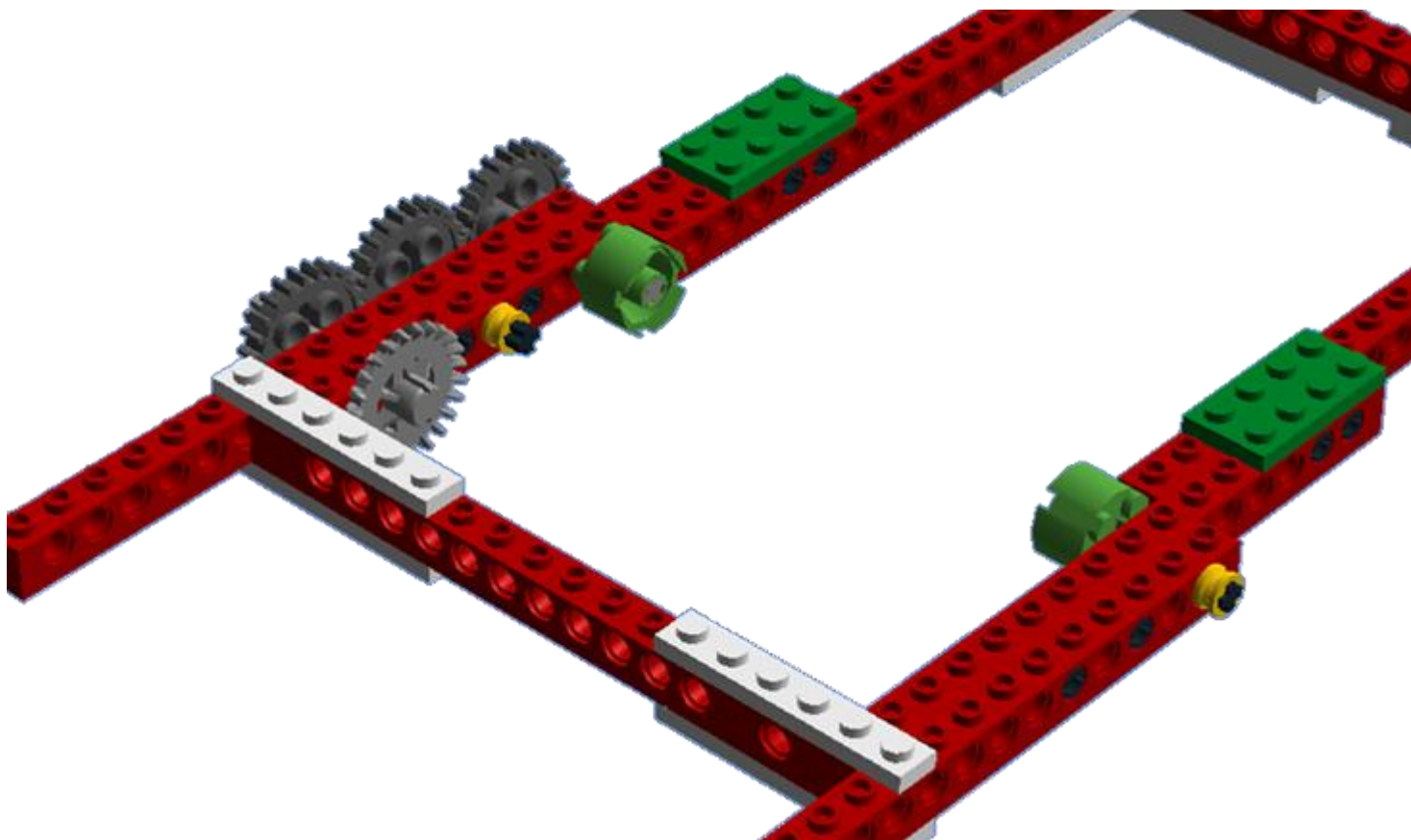
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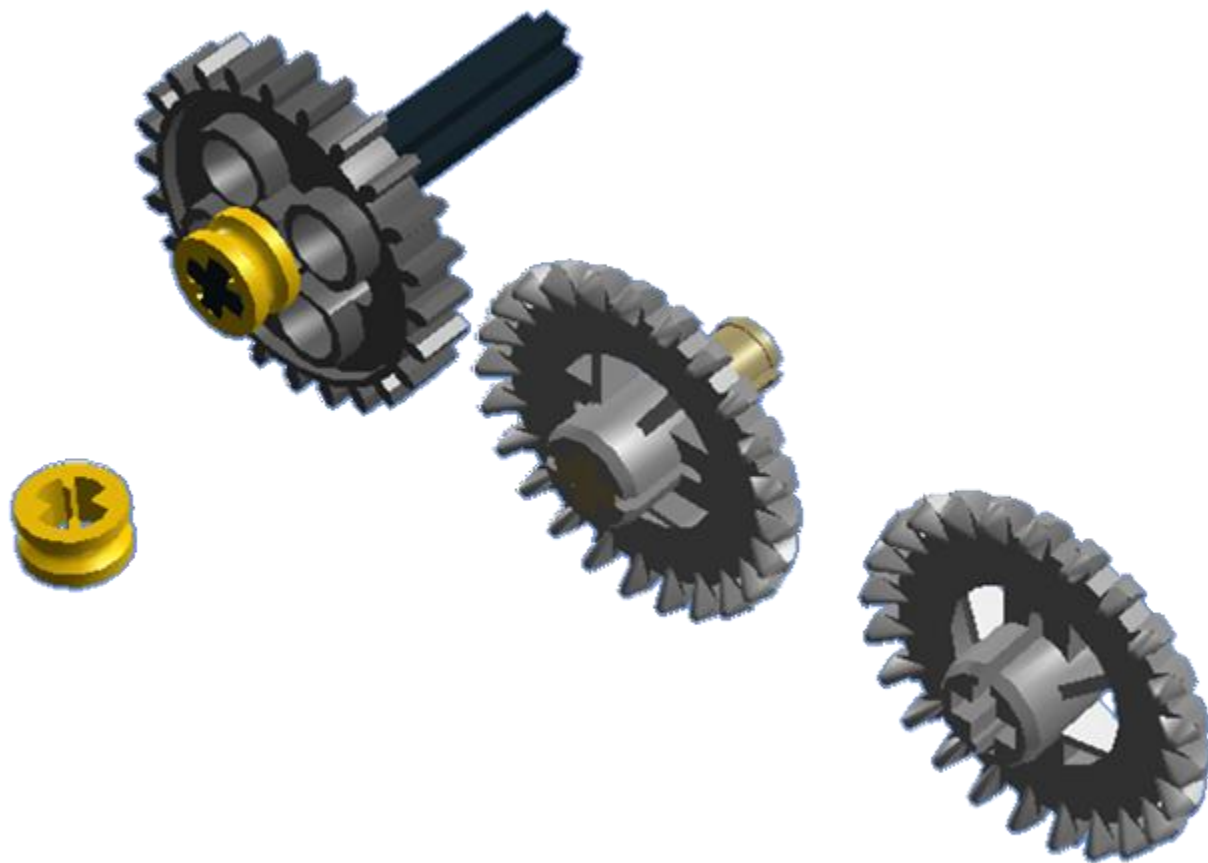
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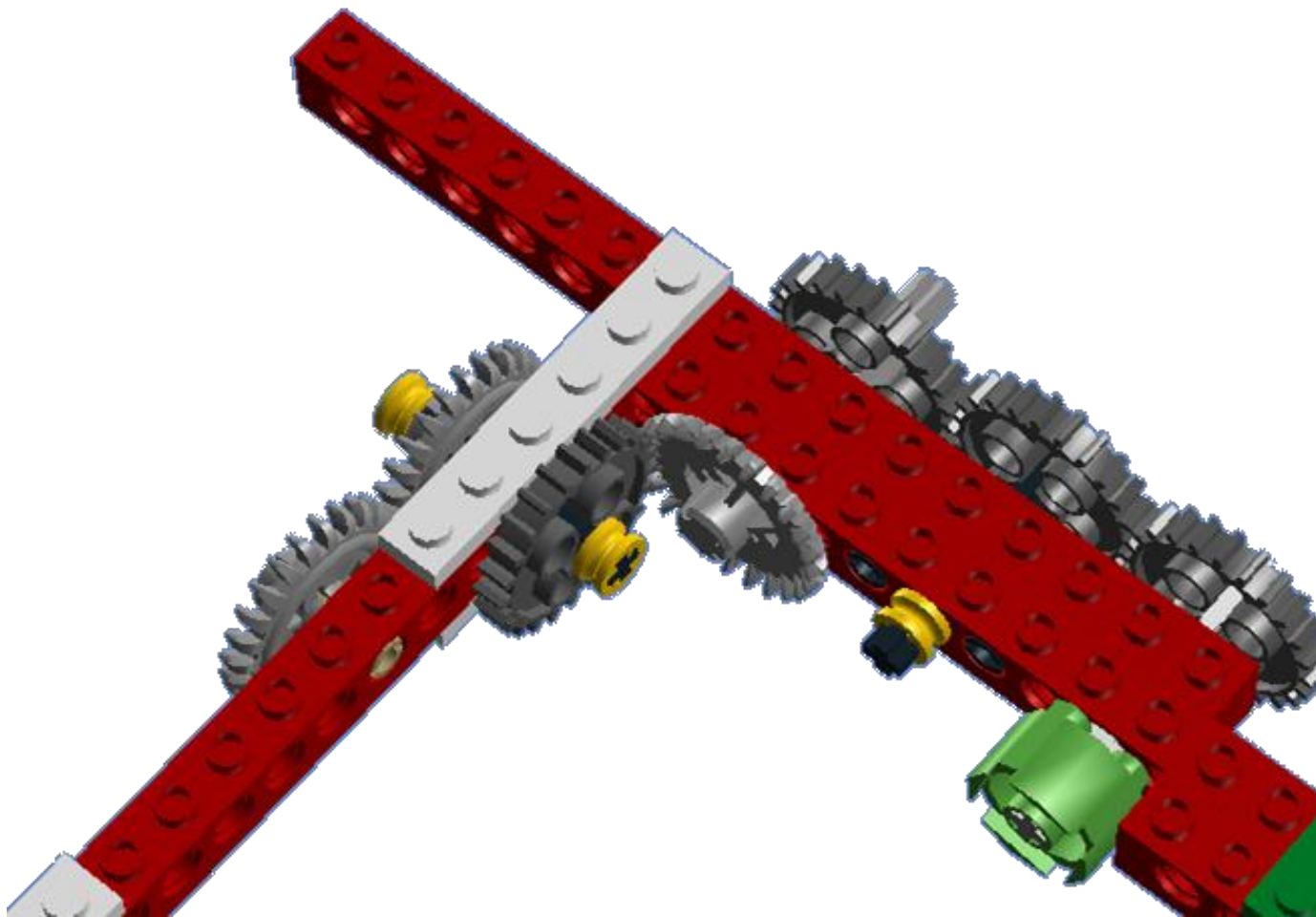
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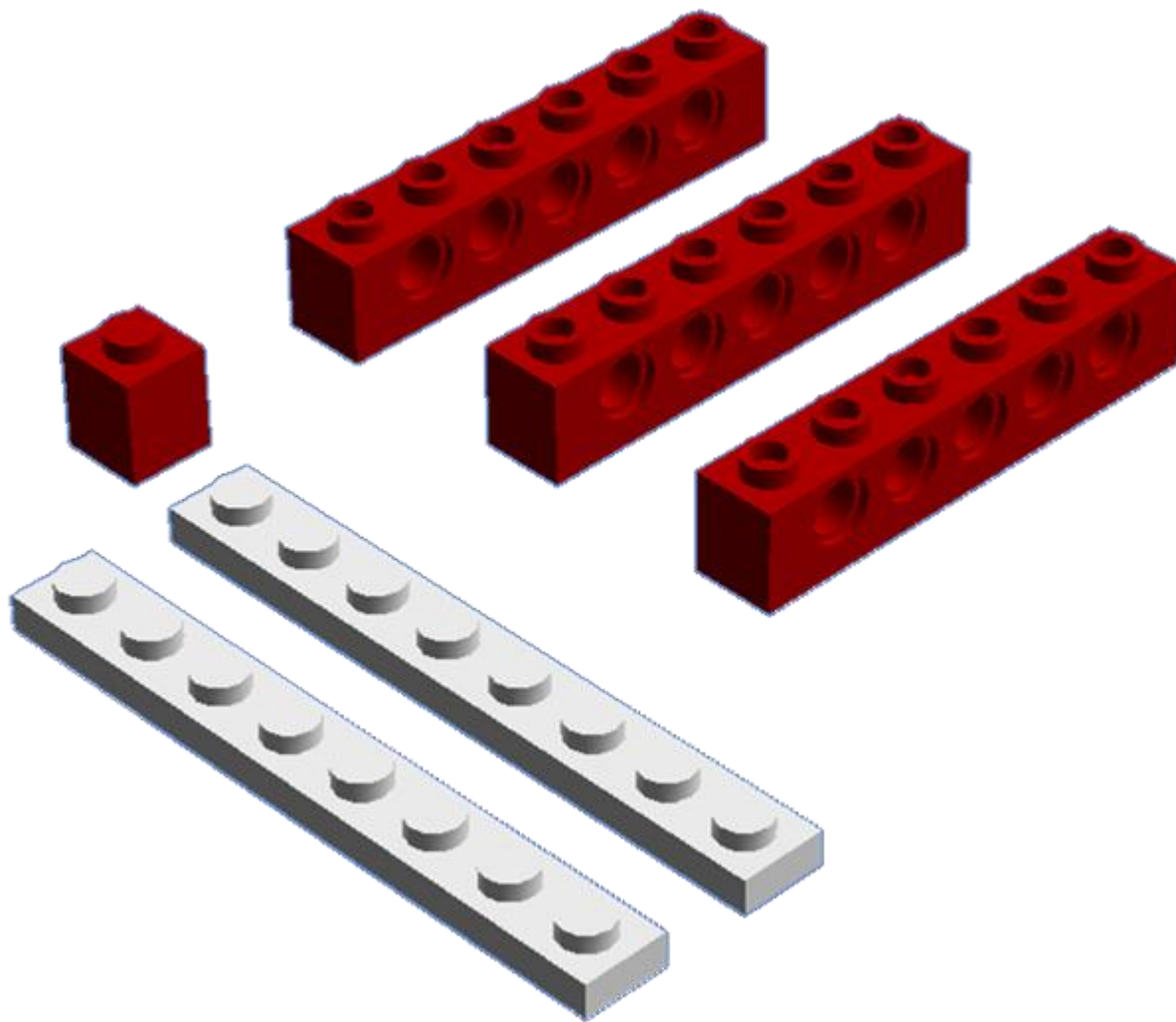
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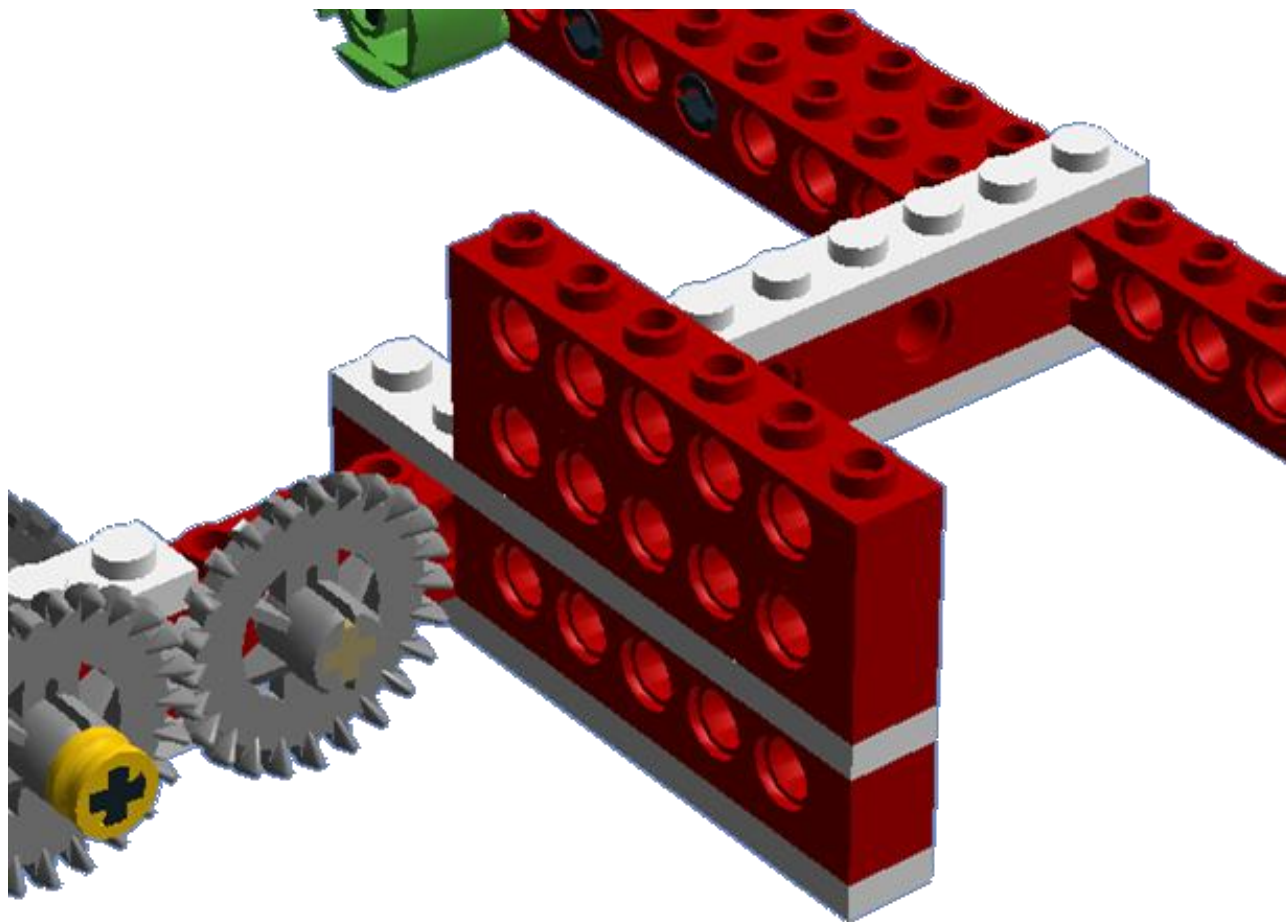
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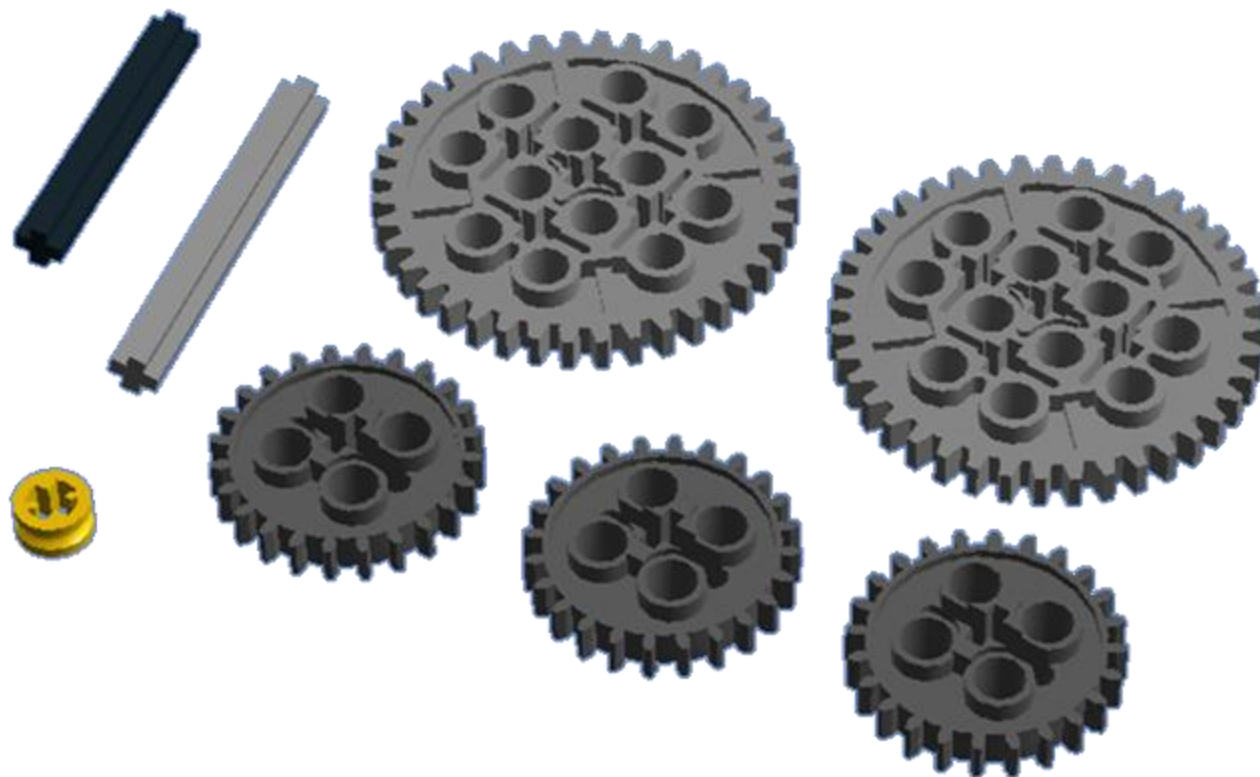
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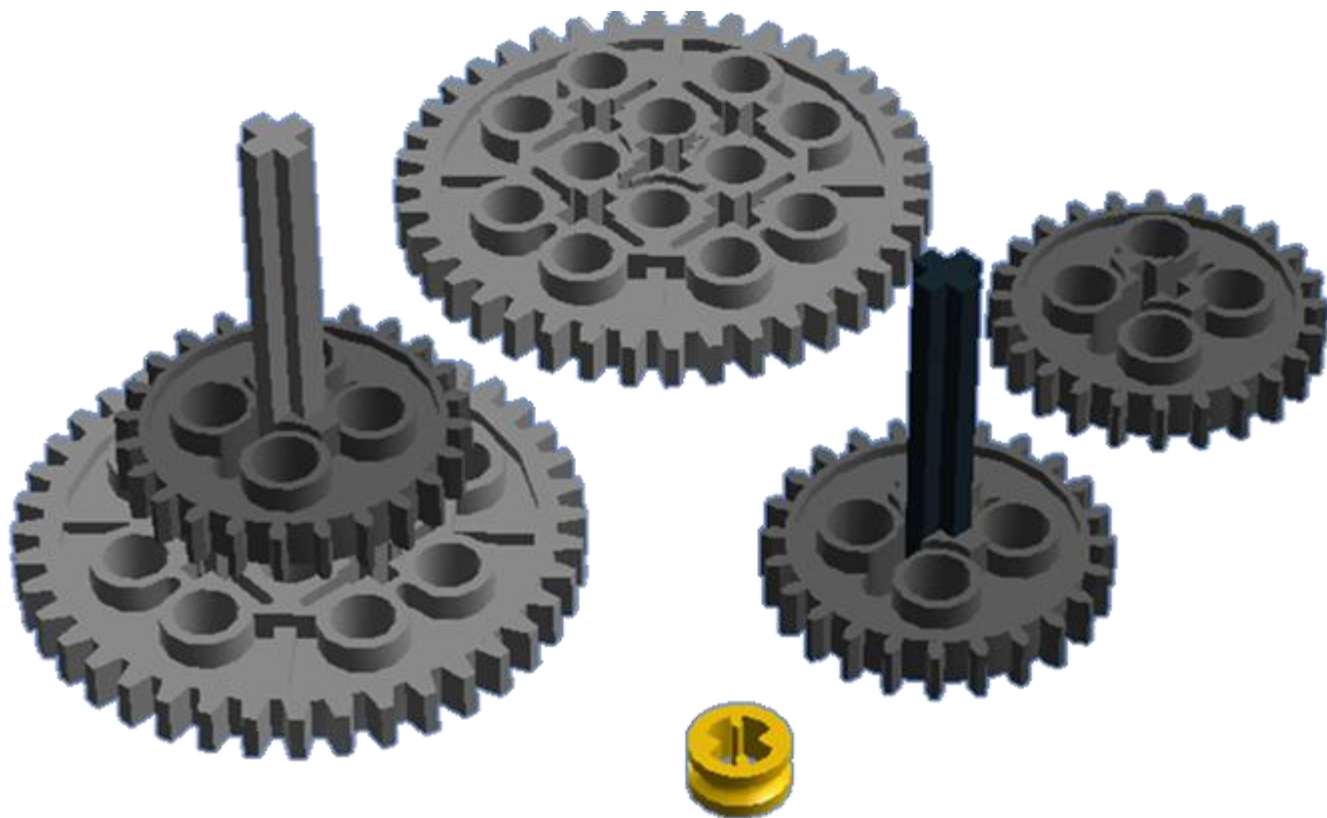
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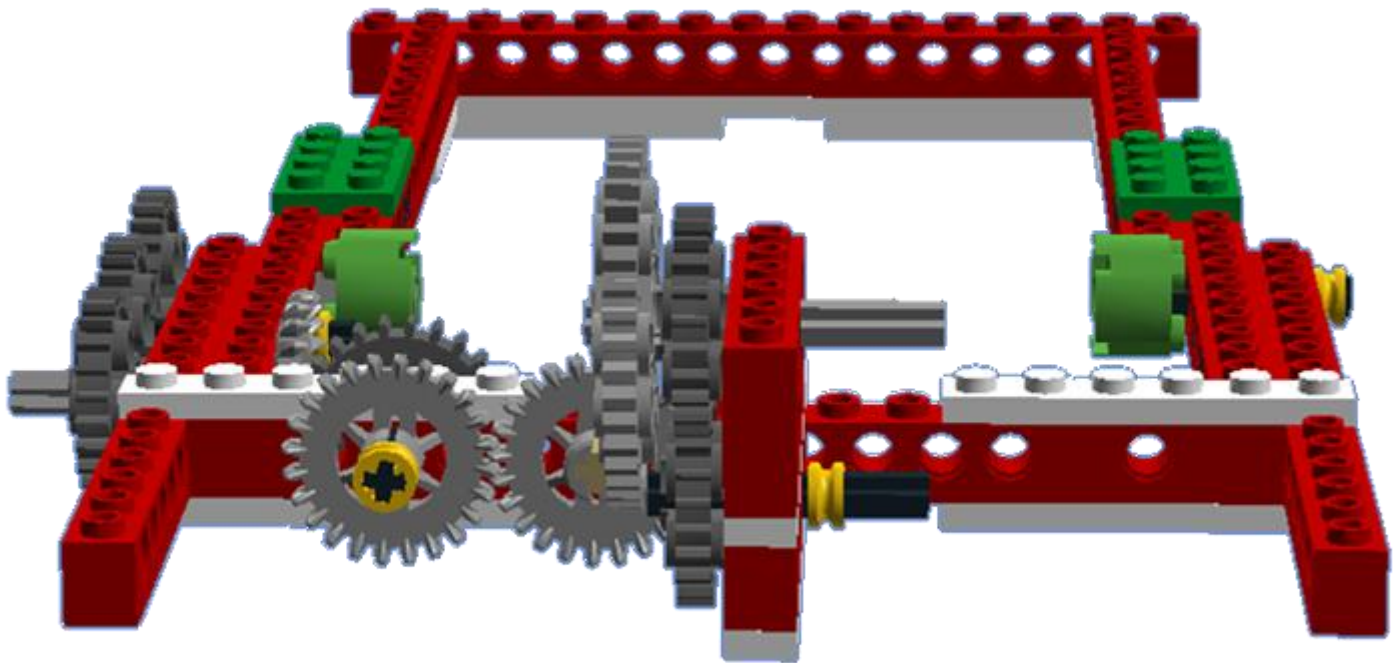
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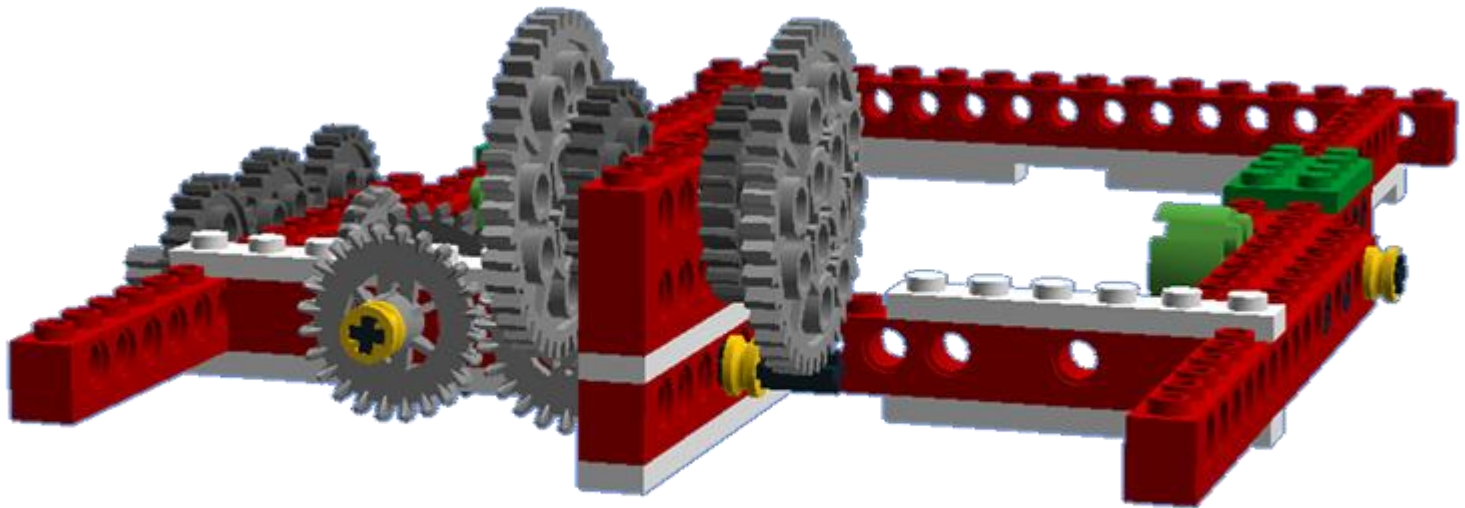
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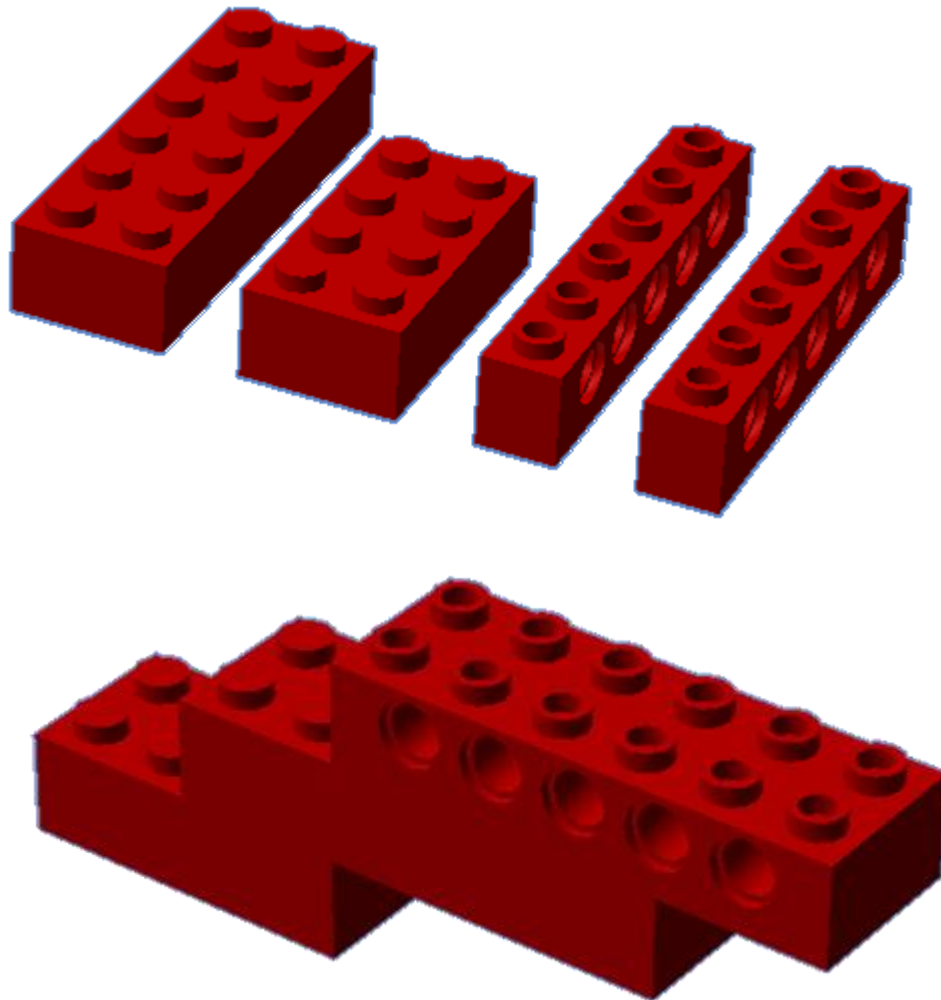
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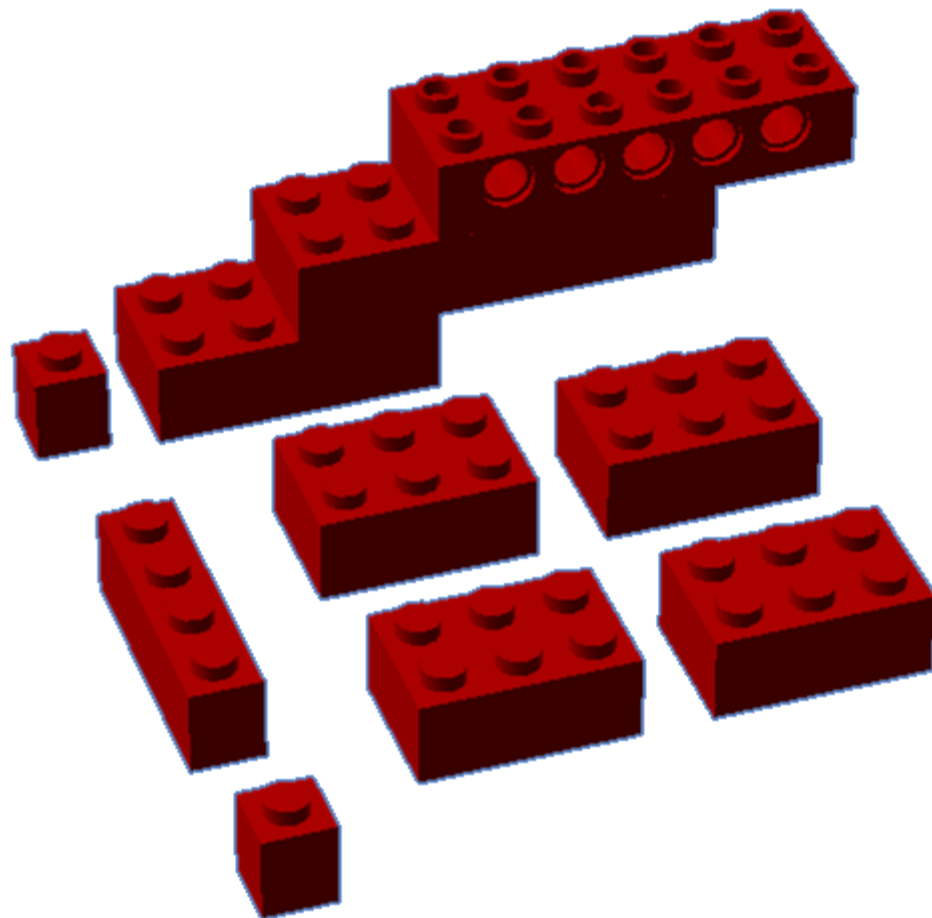
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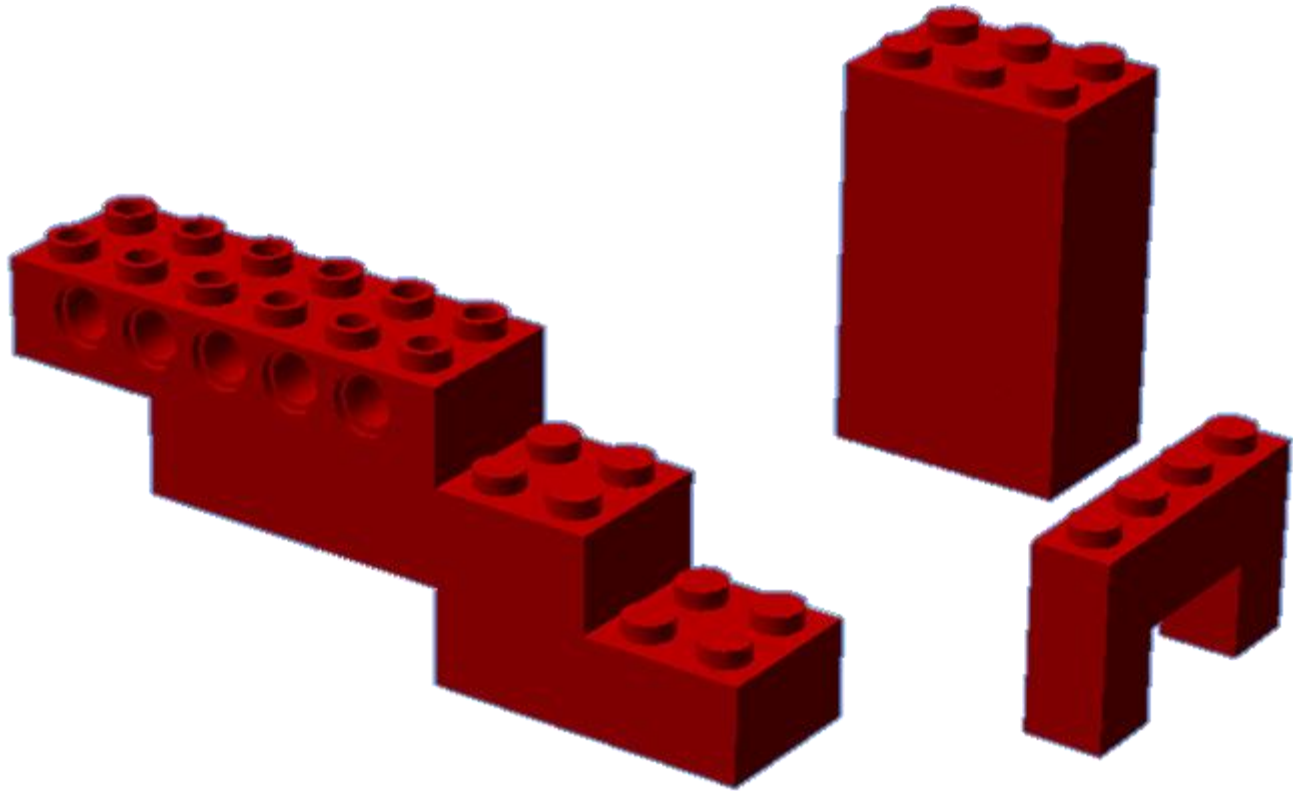
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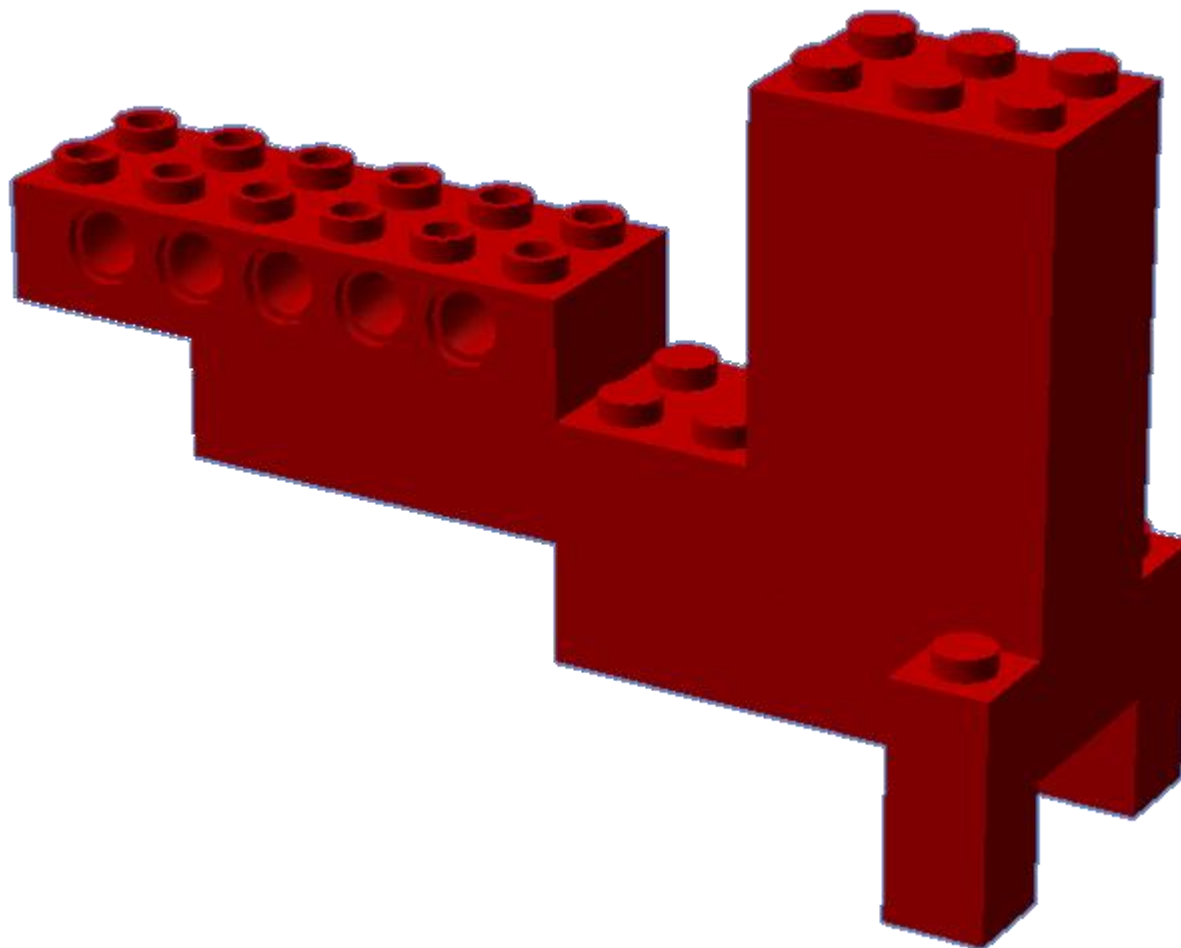
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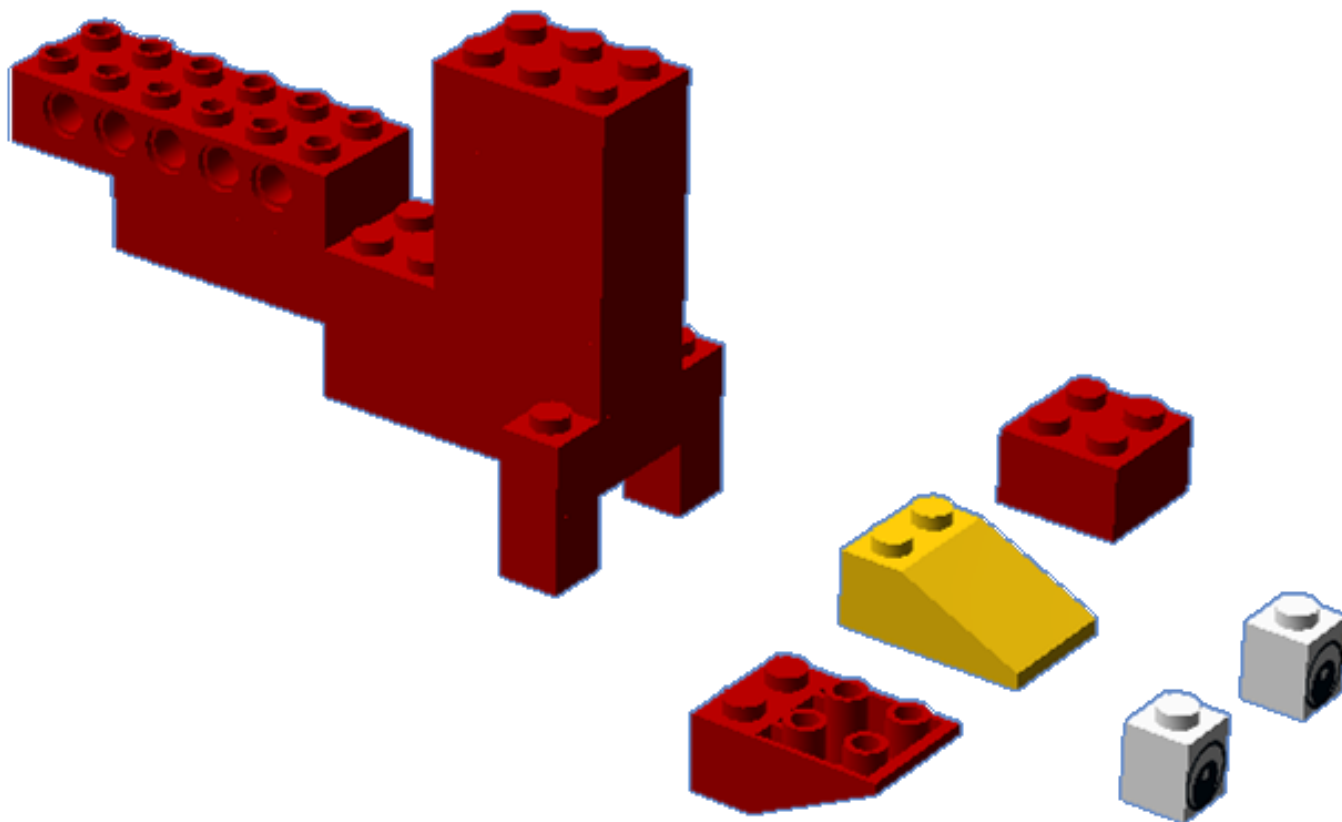
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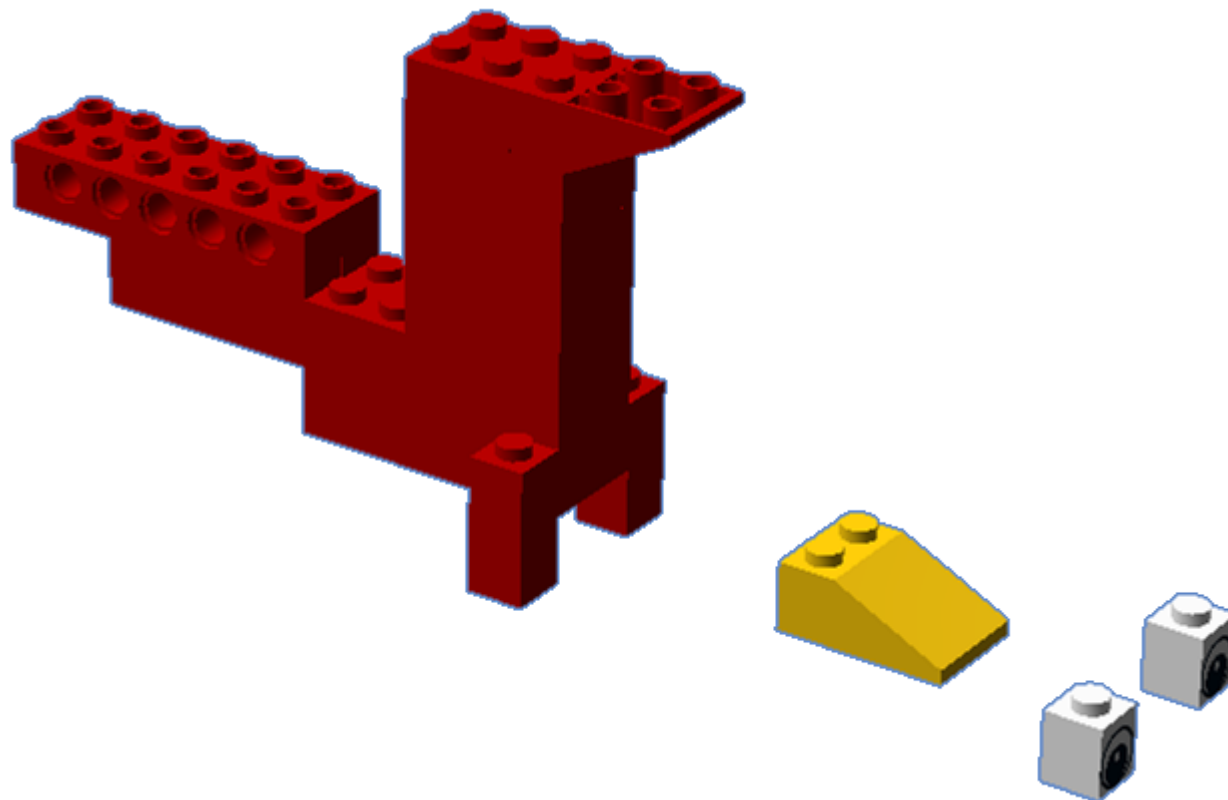
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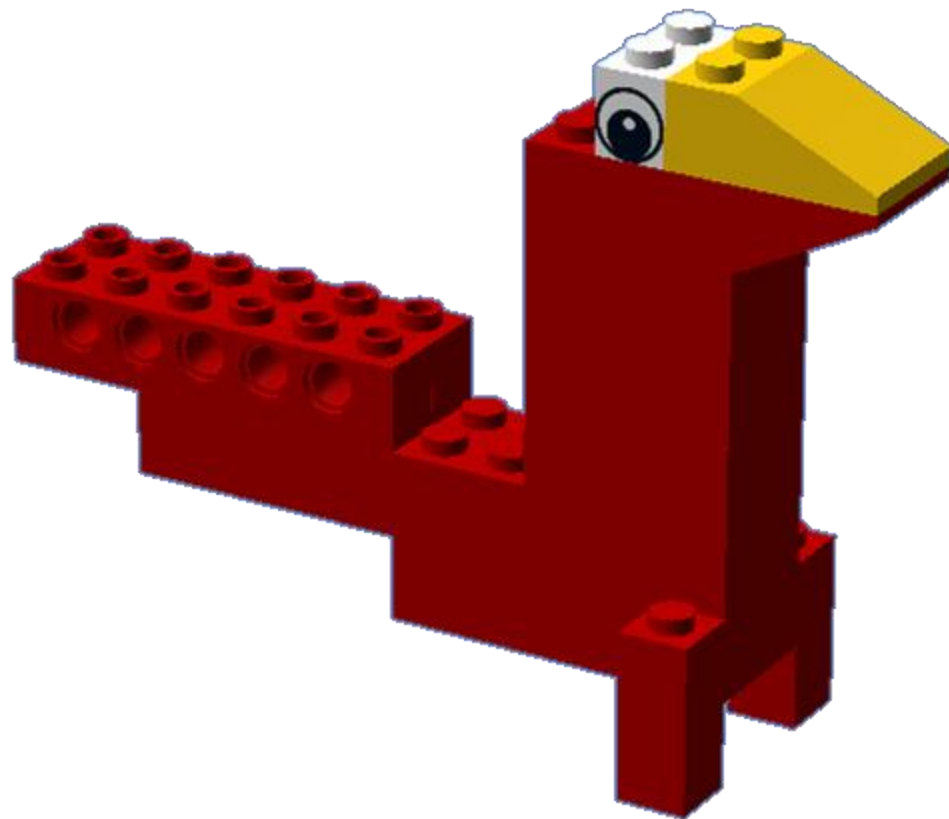
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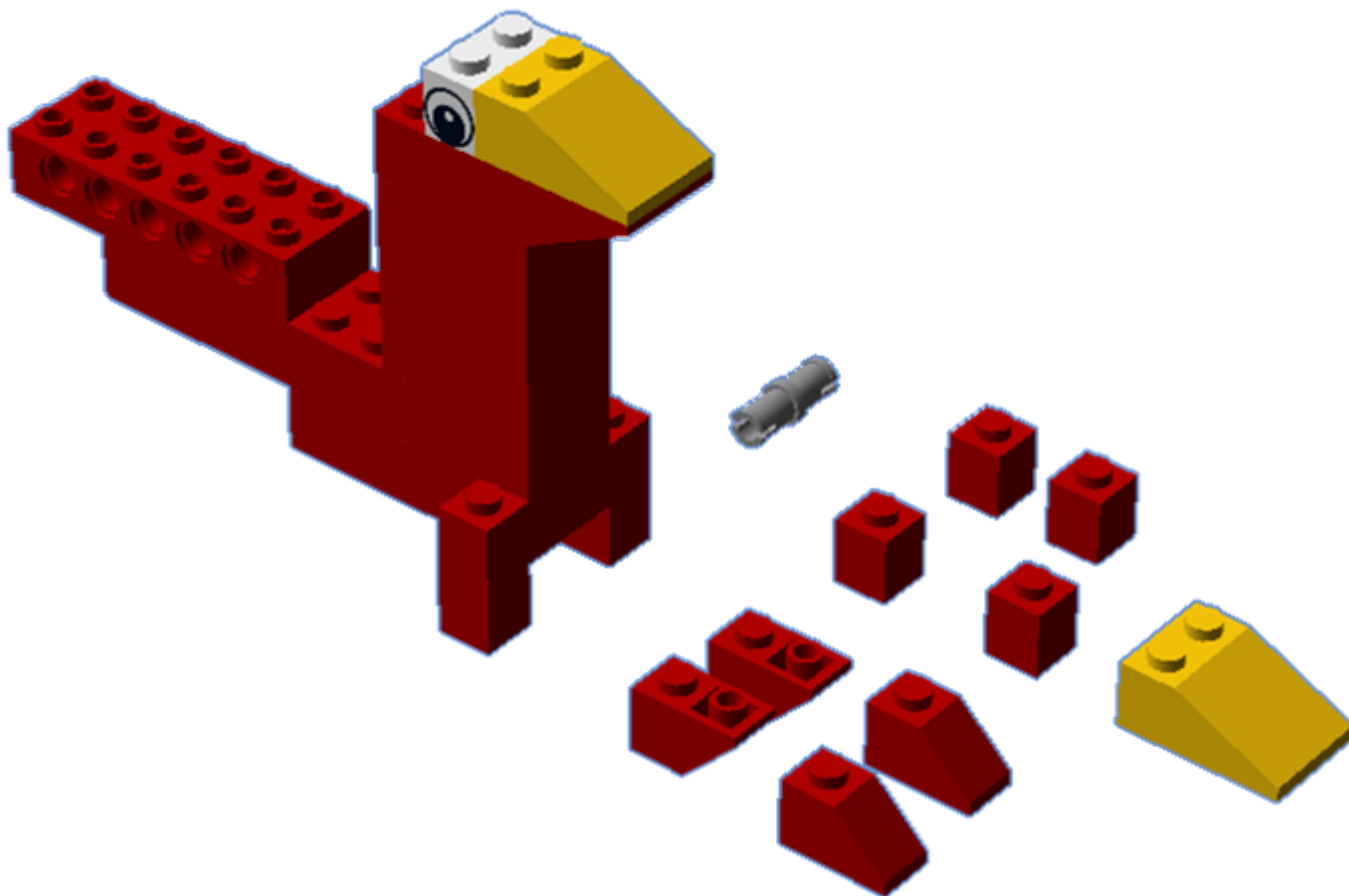
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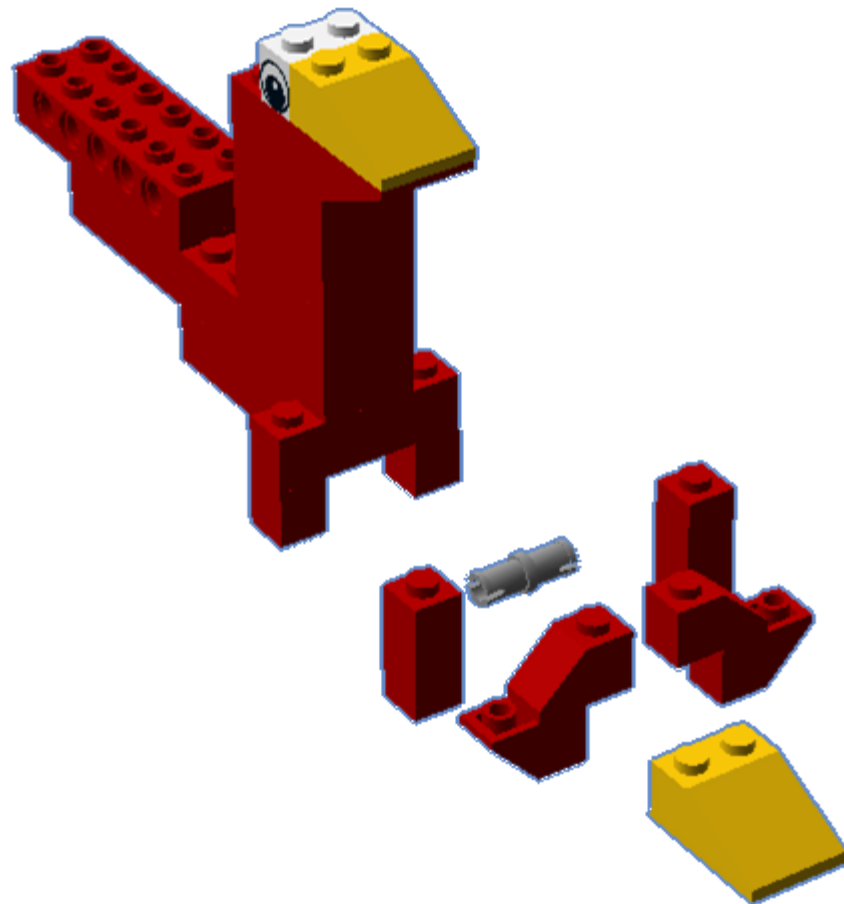
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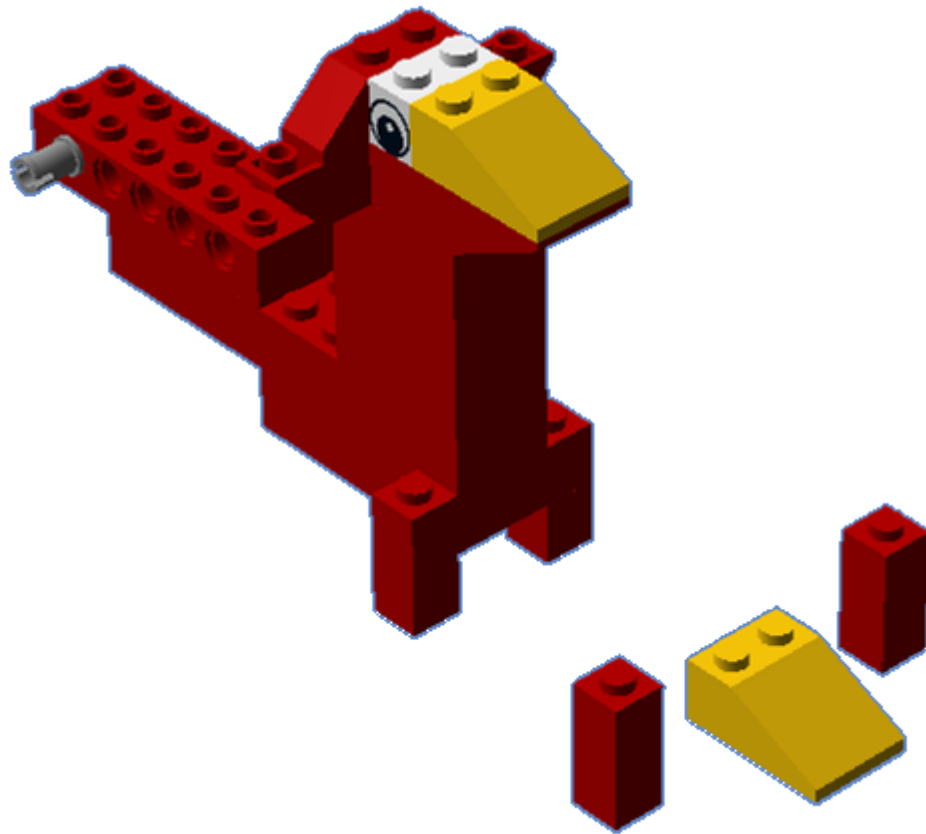
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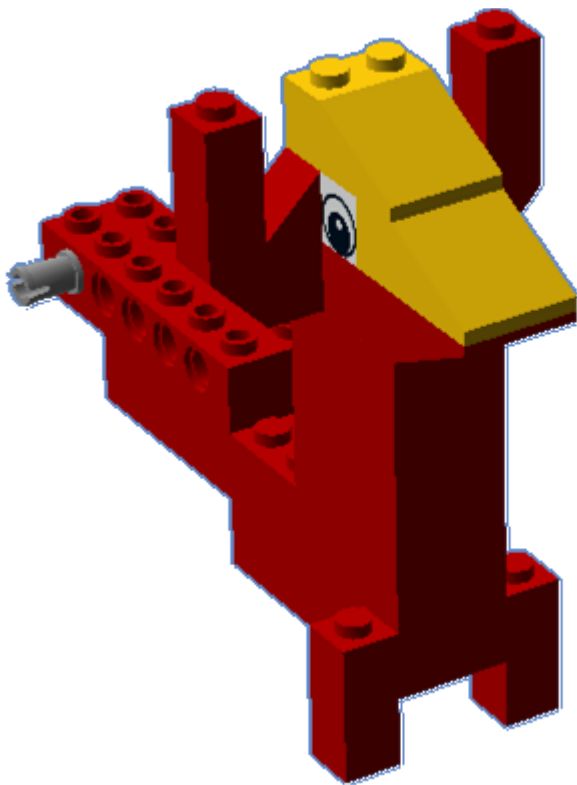
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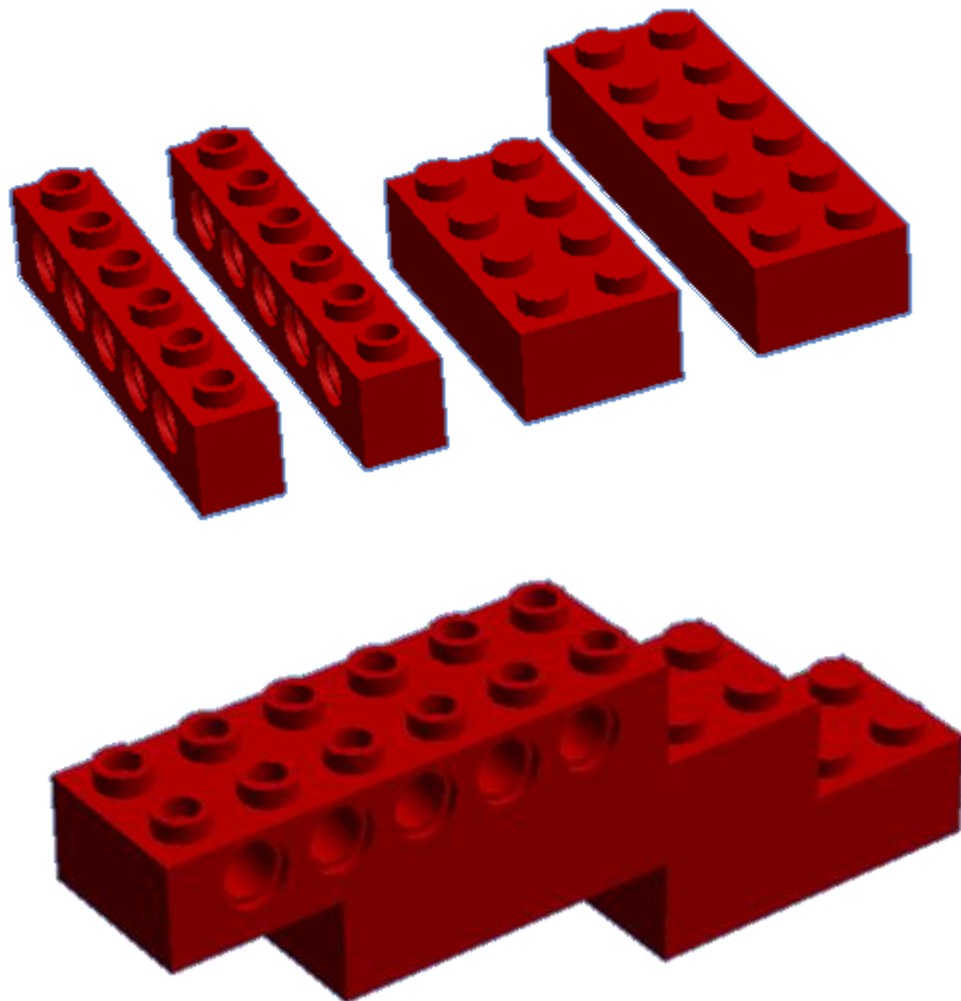
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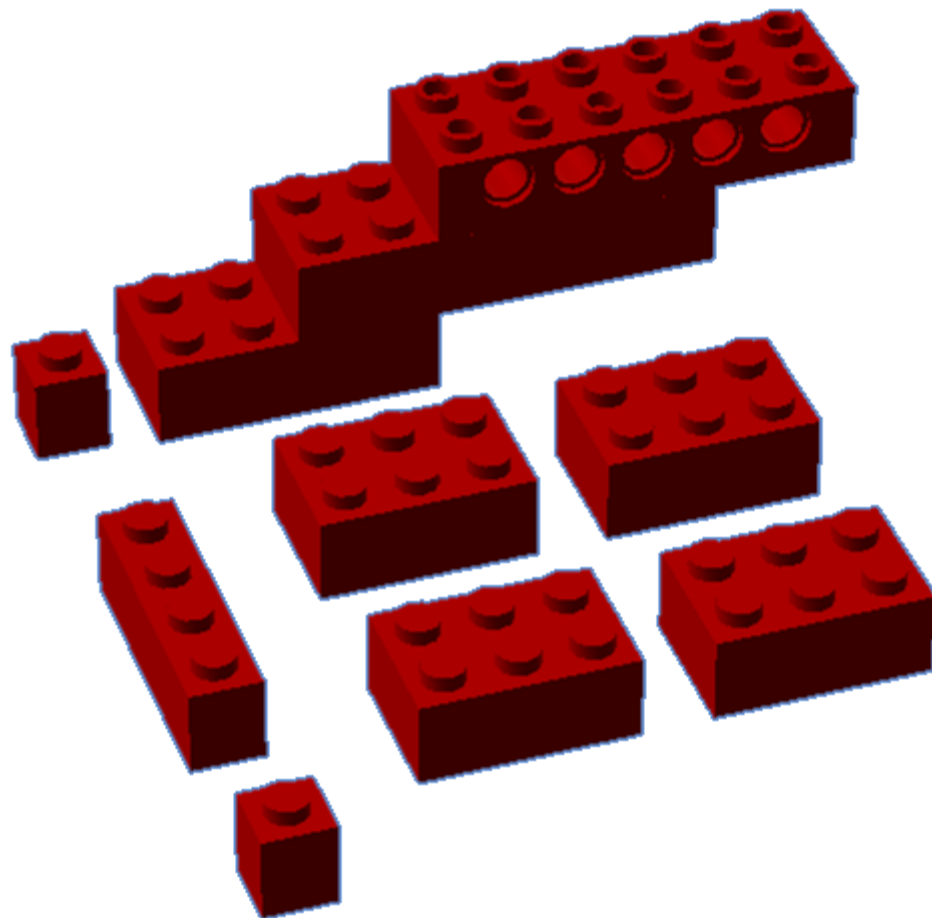
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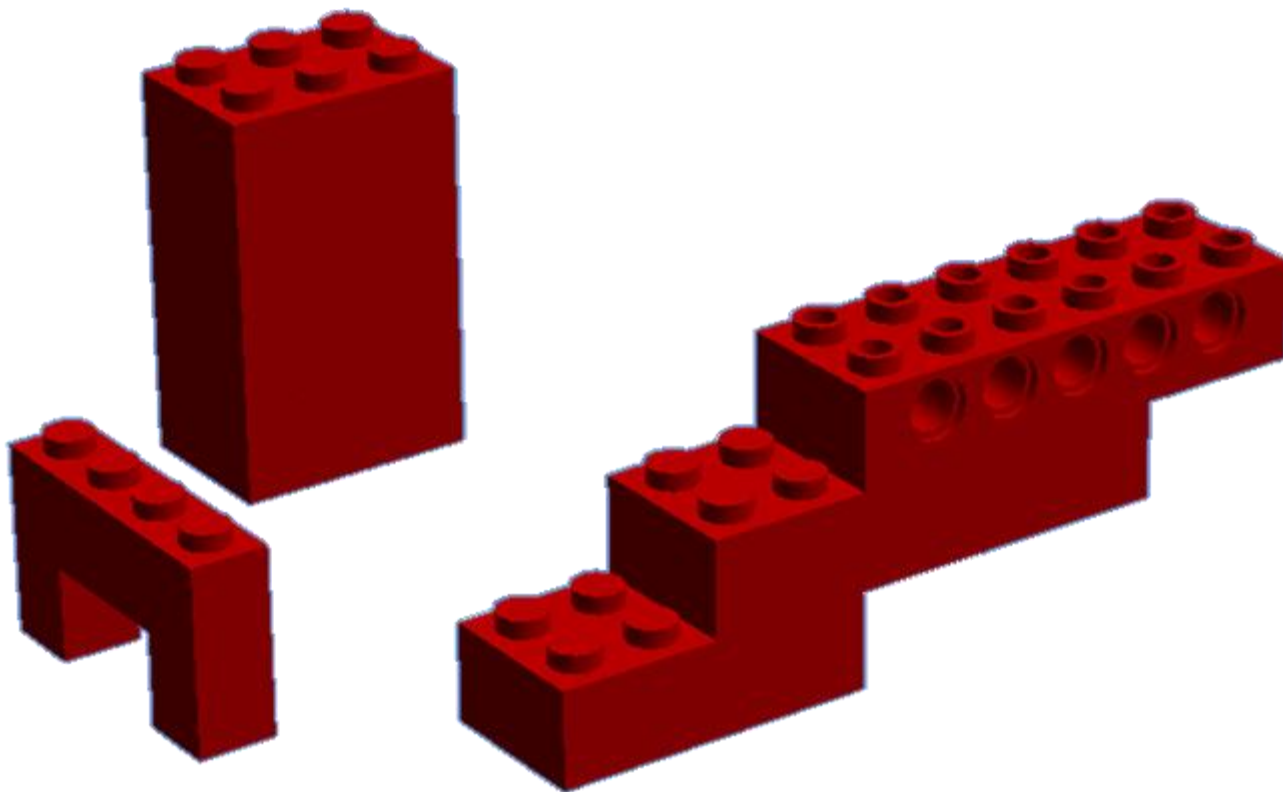
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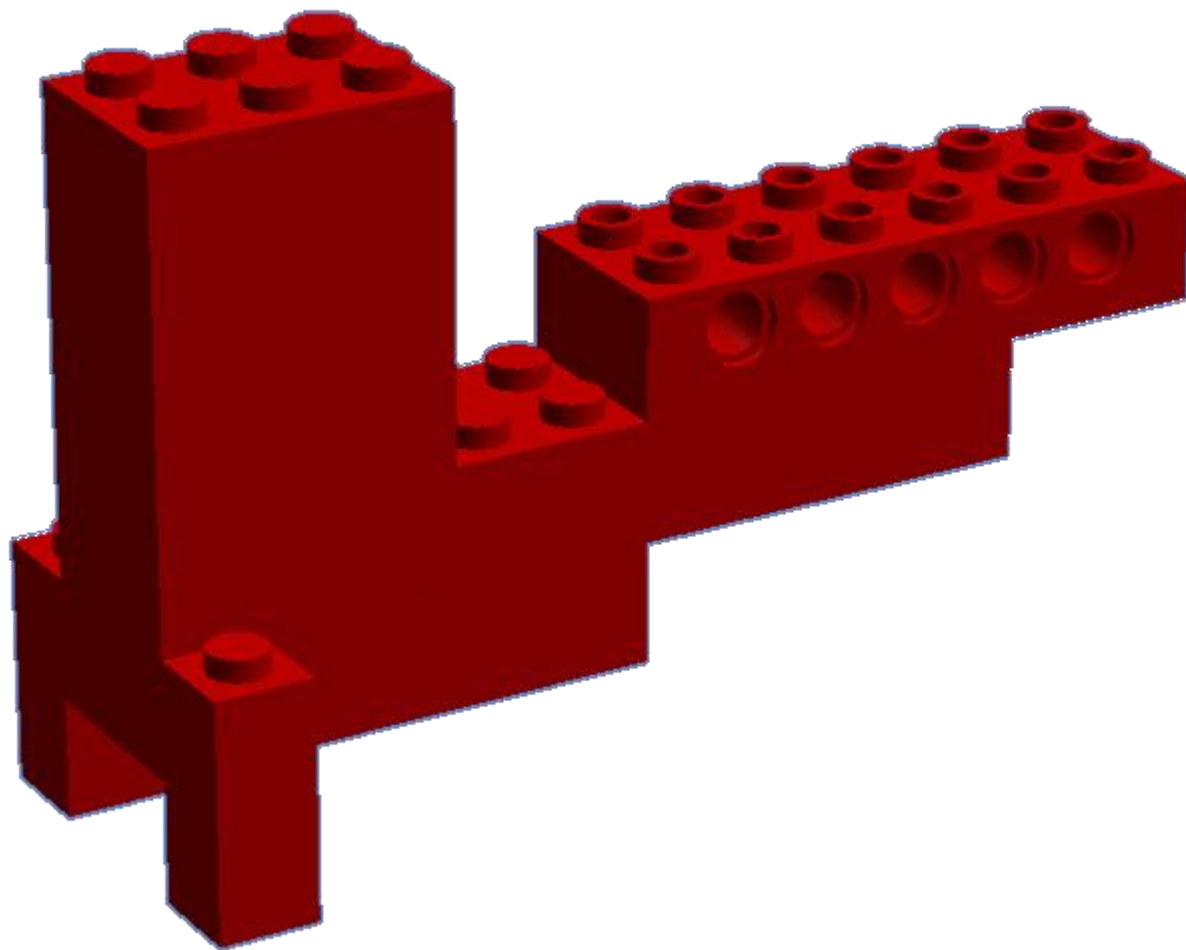
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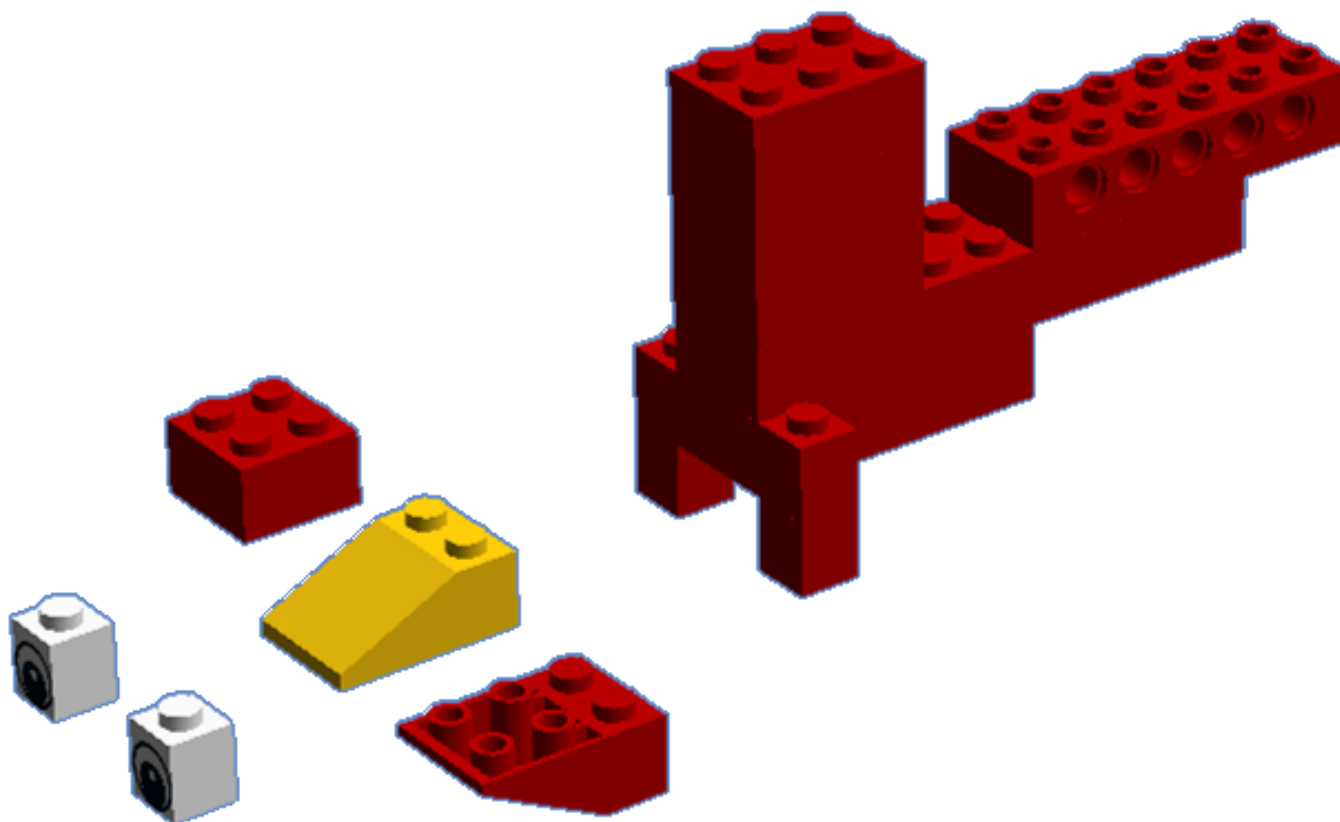
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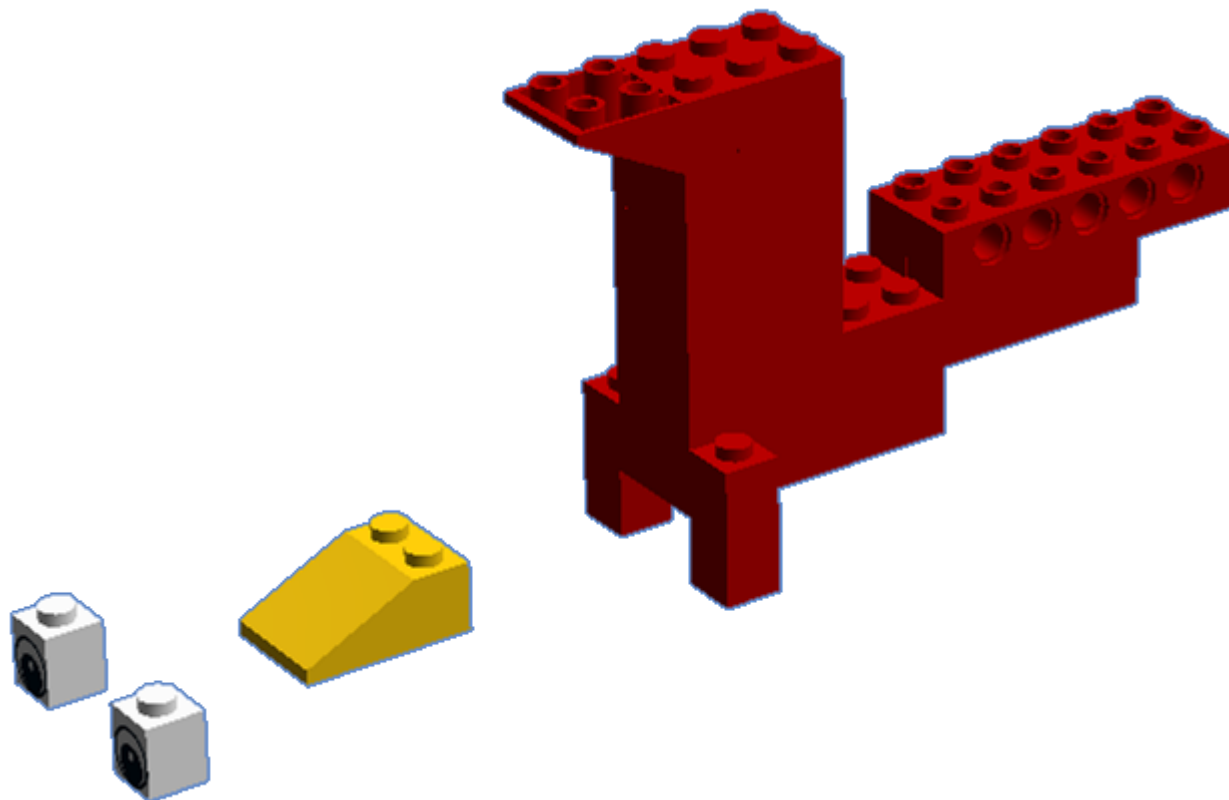
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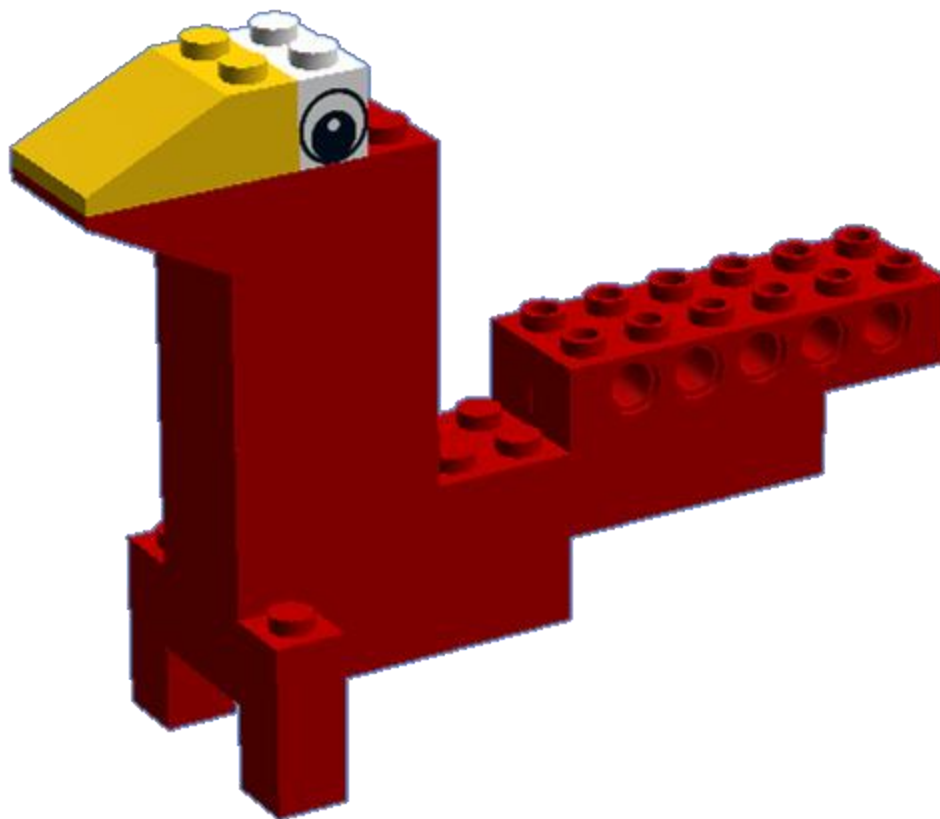
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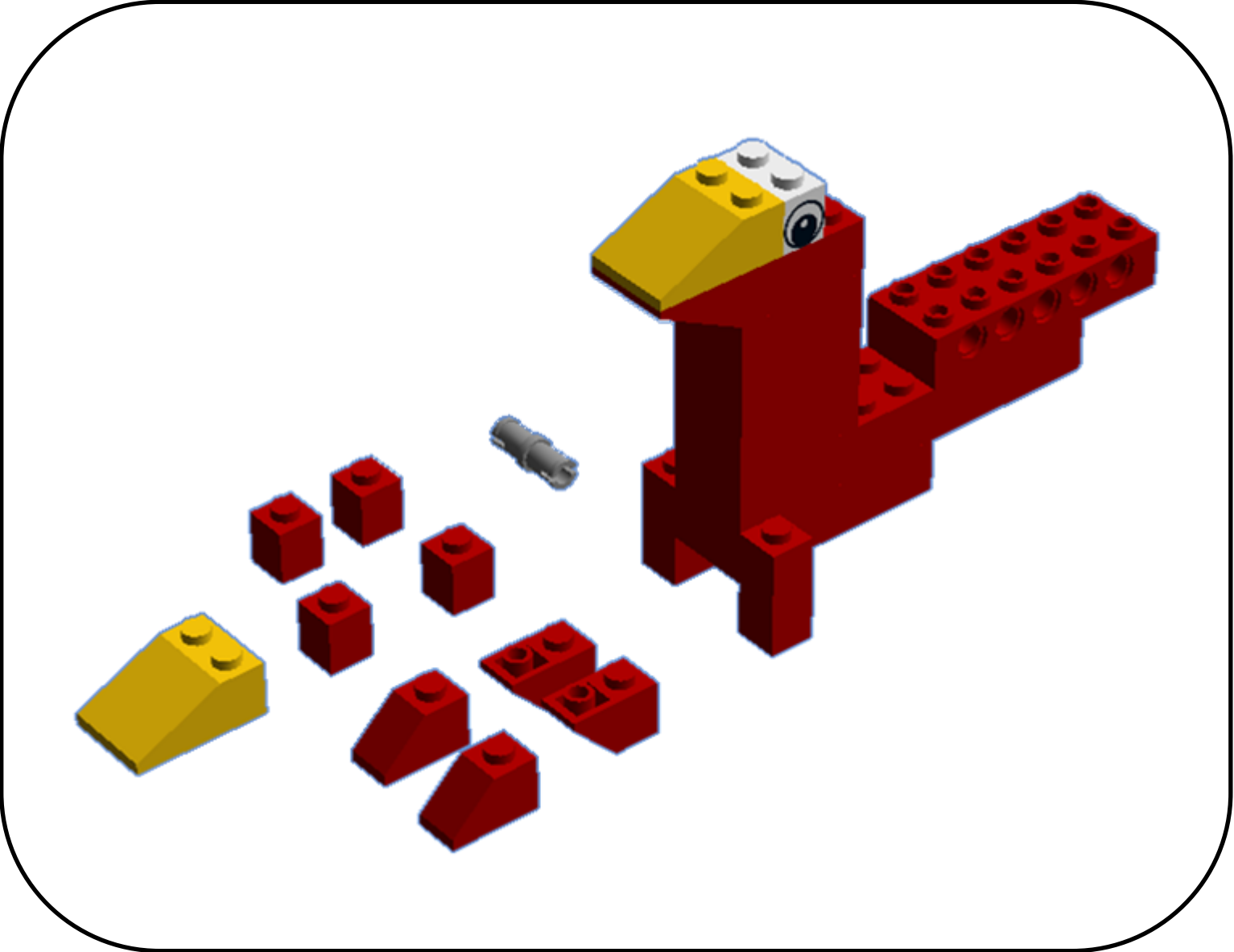
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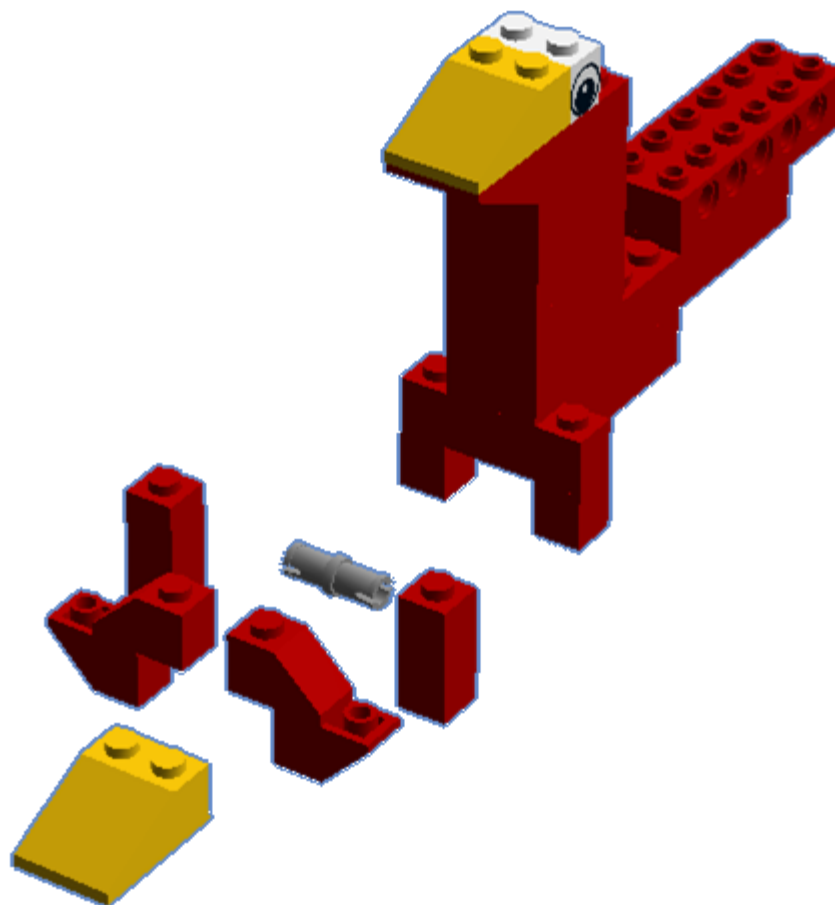
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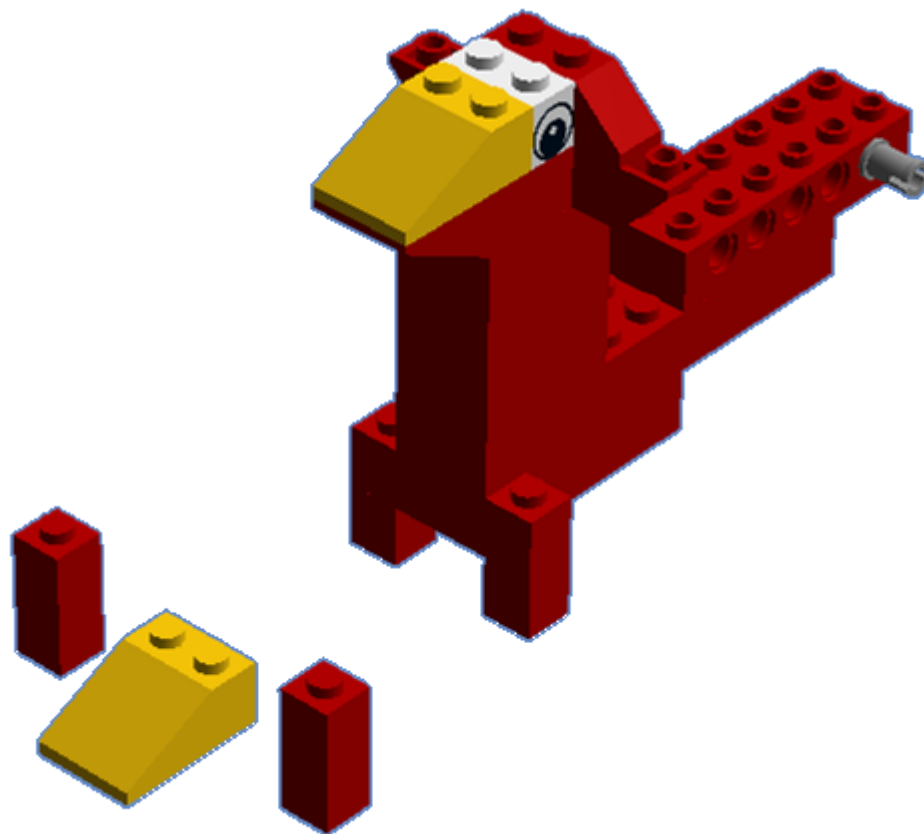
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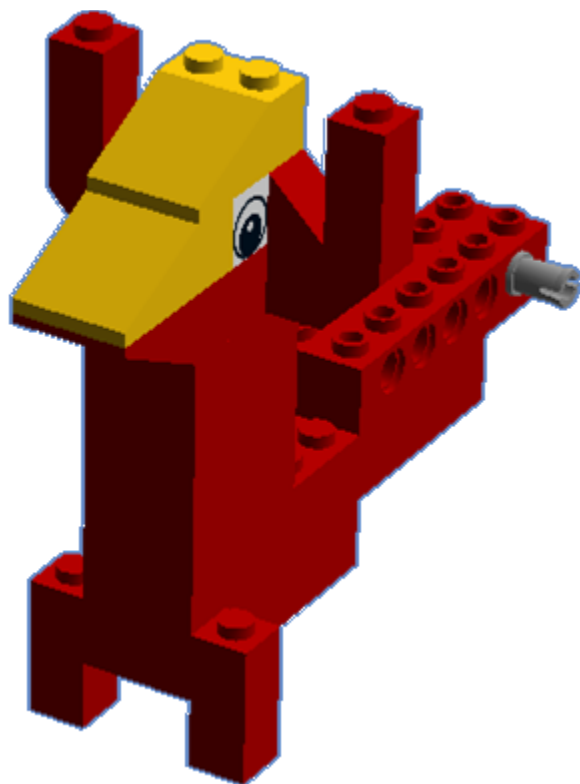
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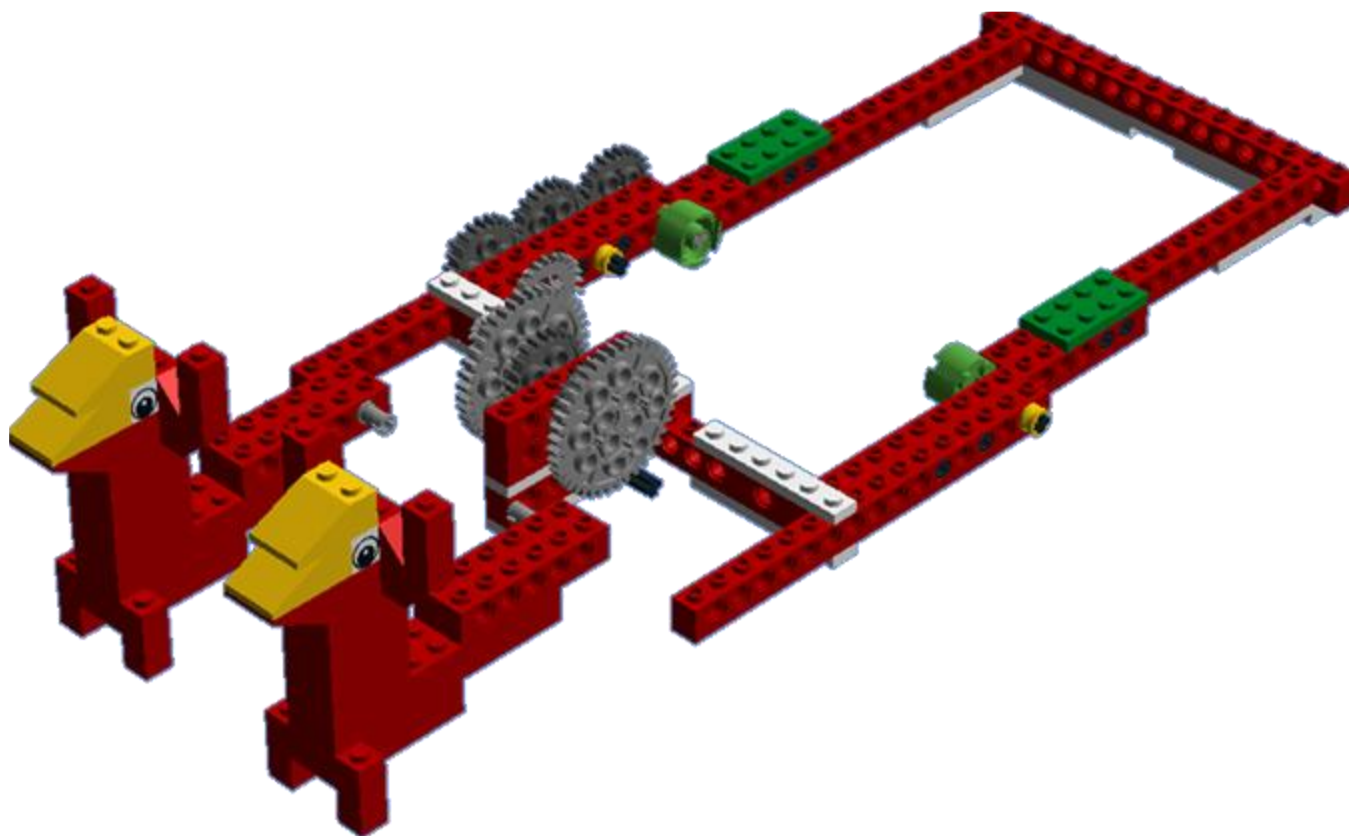
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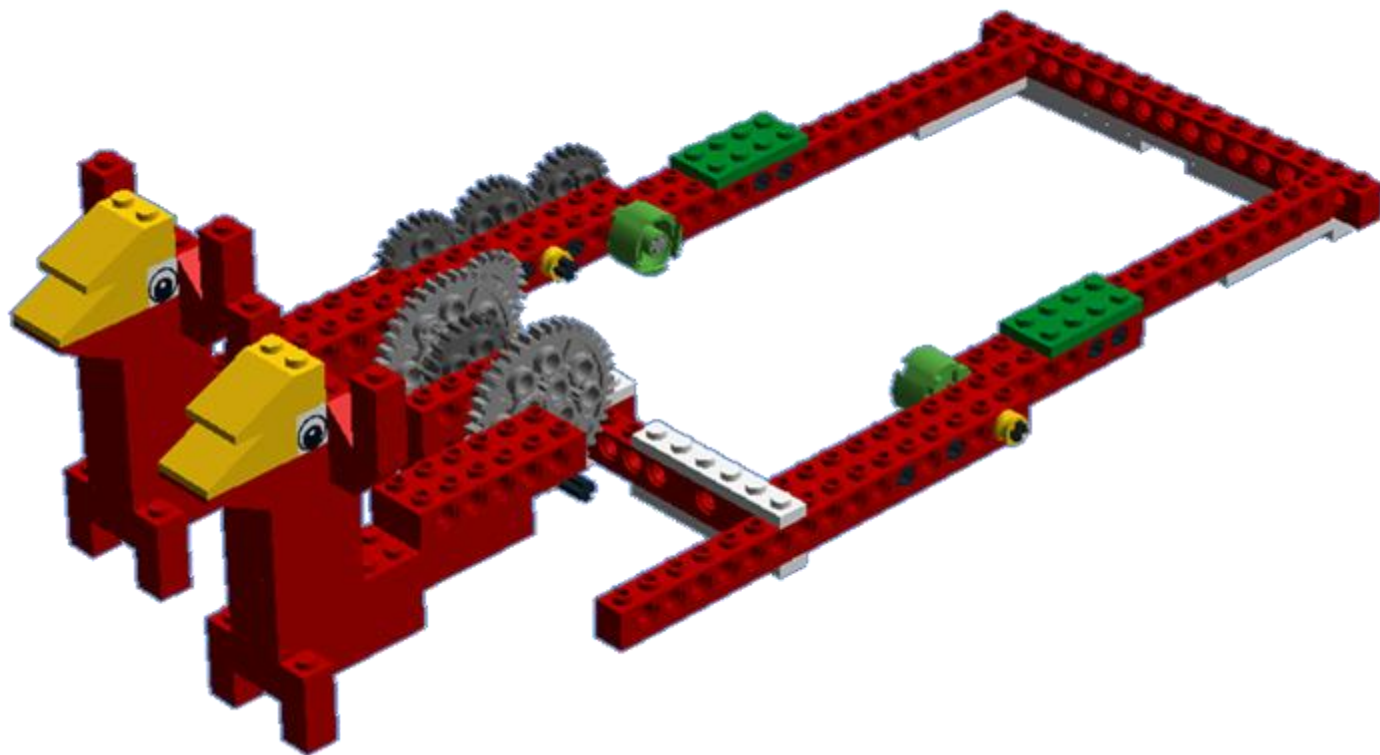
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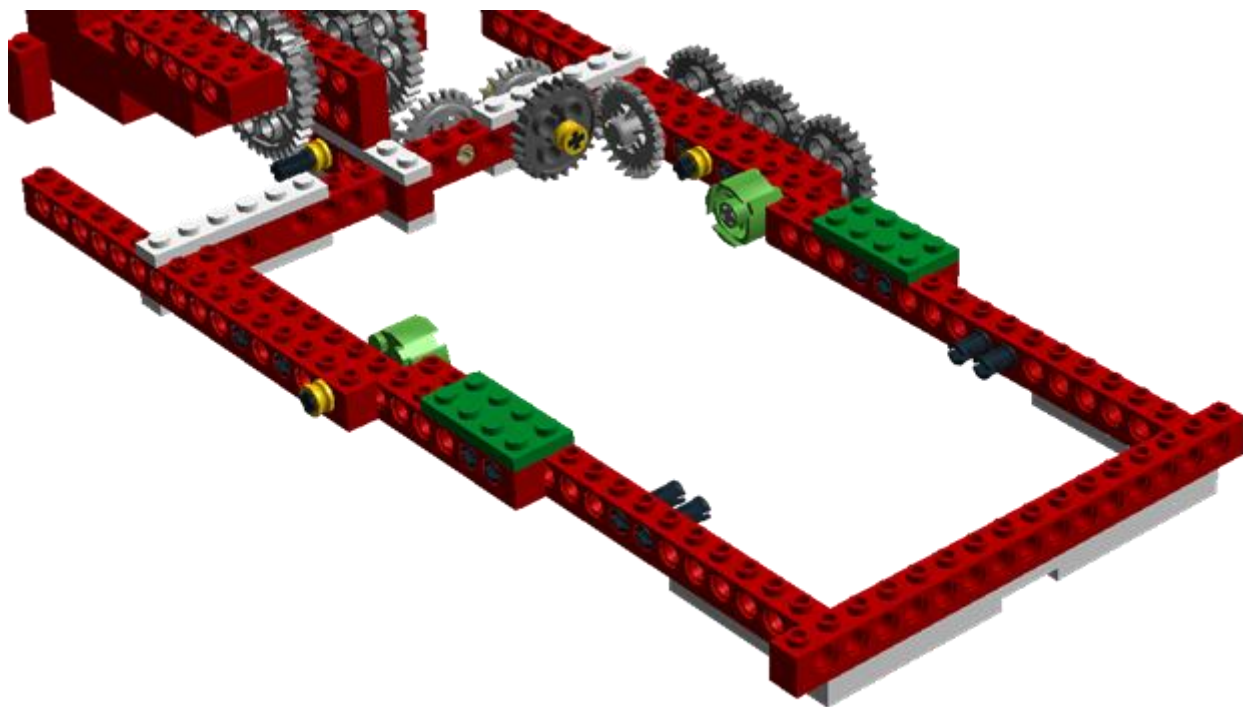
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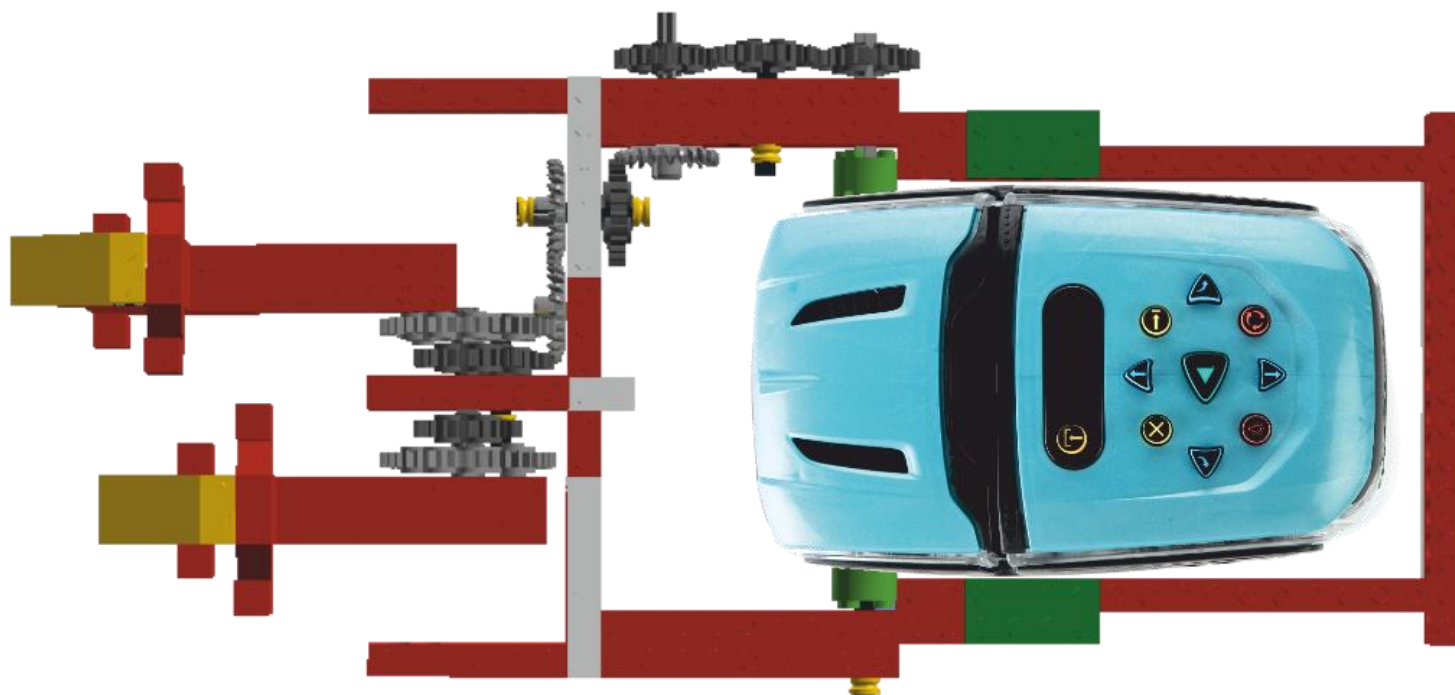
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52



53



SEQUENTIAL PROGRAMMING



- Santa Sleigh moves in backward direction



- Santa Sleigh turns in Right Direction



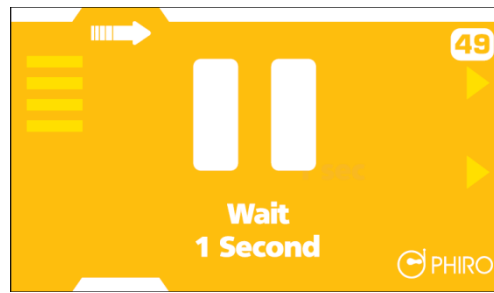
- Santa Sleigh moves in forward direction



- Santa Sleigh turn in left direction

SWISH CARD PROGRAMMING

Sample Program 1: Make a Phiro Santa Sleigh to move in a Square



CHALLENGES

1. Make a Phiro Santa Sleigh to move in a 'S' Position.
2. Make the LED to glow and move Santa Sleigh Simultaneously.
3. Make a Santa Sleigh to play
"Jingle Bells, Jingle Bells, Jingle all the Way" music.